

# **MODERN PACKAGING**

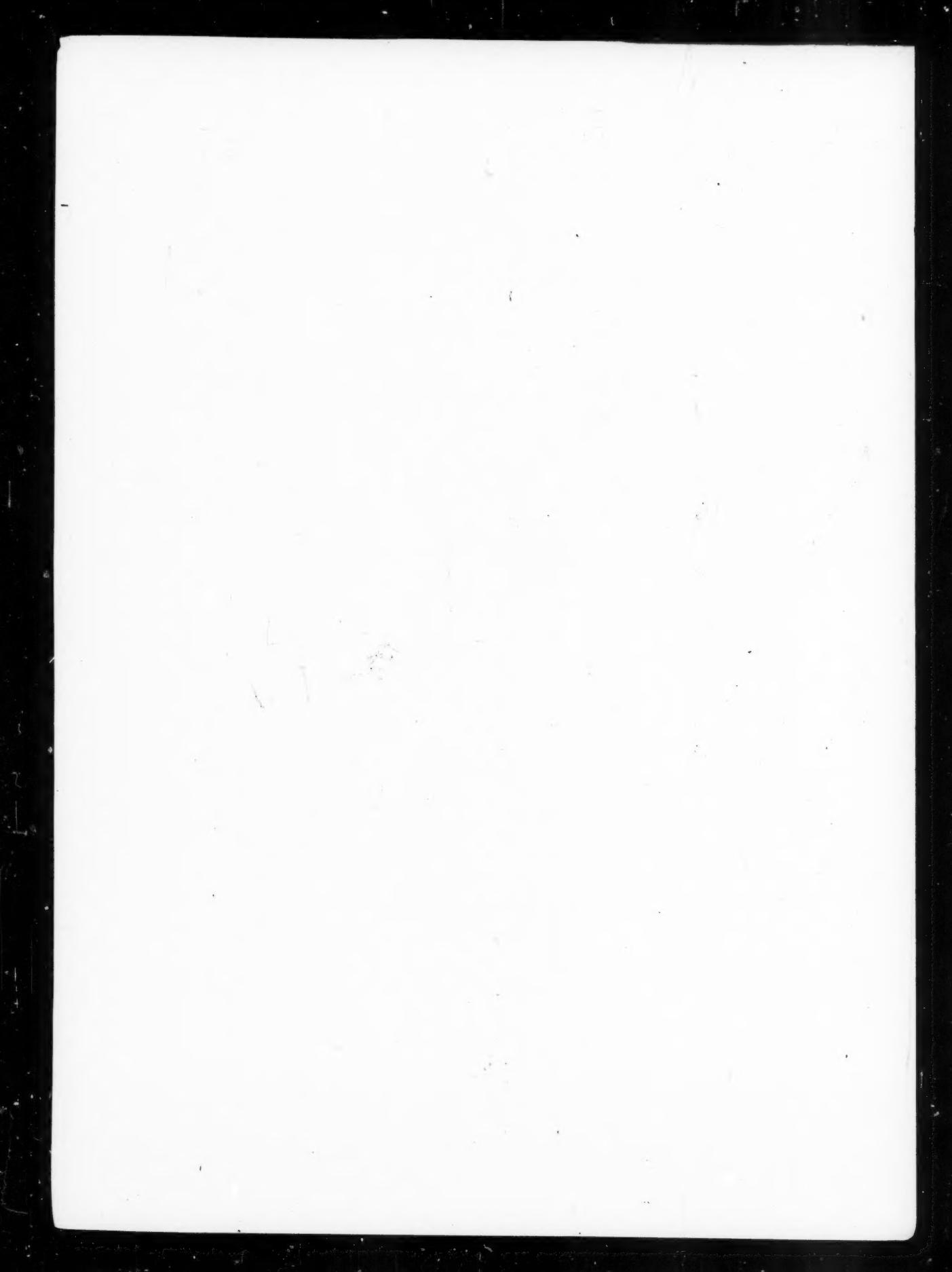
**GENERAL ALPHABETICAL INDEX**

**VOLUME 34**

**SEPTEMBER 1960 to AUGUST 1961**

**M O D E R N P A C K A G I N G**

770 Lexington Avenue, New York 21, N. Y.



# MODERN PACKAGING

## INDEX TO VOLUME 34

SEPTEMBER 1960 TO AUGUST 1961

## GENERAL ALPHABETICAL INDEX

### A

**Abbott Laboratories**  
One line for two problem battles, Herbert S. Ogleby

#### ABRASION RESISTANCE

Biaxient polypropylene film  
Corrugated anti-abrasion coating, Inland Container Corp.  
Av. Art Co.  
Economical weight control of photograph-mounting corners

#### ACETAL

Acetal aerosols  
Copolymer plastic, Celcon, Celanese Corp. of America  
First acetal aerosol, Avon Products, Inc.

#### ACETATE

Formulation of acetate sheet for extrusion into thin gauge sheet, Eastman Chemical Products Inc.  
Pressure-sensitive, metallized acetate labels, German firm

Acids (see Drugs and Chemicals)

Alme McCrary Corp.

Quick-change labeling of film bags

#### ACRYLONITRILE BUTADIENE STYRENE

Blow-molded containers, Adams-Rite Mfg. Co.  
"Double design" carton serves for two related products (swinging-door and sliding-door hardware)

#### ADHESIVES

Effect of Food Additives Amendment  
Glue sealing with PE coatings, Sherwood Leedis  
New type of tapioca flour for adhesives used in production of paper and corrugated cartons, Thailand  
Odor-free foil-lamination adhesive used in food packaging, National Starch & Chemical Corp.  
Promoters for polyethylene, C. L. Clark, Jr., J. W. MacCarthy and T. F. McLaughlin, Jr.  
Type for polypropylene

#### ADVERTISING AND PUBLICITY

Premium offers  
Pieces of china in soap packages, Procter & Gamble  
Premiums out front, Lever Bros. Co.  
Printing on supermarket packages, Harold Lewis (Lewis Bros. Inc.)  
Sanka's big sampling through magazine pages, General Foods  
Aerosol-bottle crimper, Pressure Pak  
Aerosol can of seamless aluminum, American Can Co., Bradley-Sun Div.  
Aerosol-container caliper, DeGraw Design, Inc.  
Aerosol overwrap, molded polystyrene, Sunbeam Plastic's Corp.  
Aerosol Pak Kaging Awards competition, Chemical Specialties Assn.  
Aerosol valve crimper, John R. Nahm Engineering Co.

#### AEROSOLS

Aerosol packaging line, Kartidge Pak Co.  
Aerosols sales are soaring, Packaging Review (England)  
Aerosol with applicator tube for medicinal sprays, Radar Medical (Italy)

### Month

### Page

March 96

August 134

August 166

October 127

June 103

April 72

December 87

February 44

January 62

August 112

June 99

June 135

November 121

October 135

March 72

July 52

June 143

May 133

January 34

May 217

November 76

May 63

May 162

September 166

September 186

May 171

January 178

May 164

February 46

June 76

September 112

### Month

### Page

December 72

April 265

March 44

January 46

May 50

July 76

December 87

February 88

August 129

November 195

April 248

September 186

November 166

July 142

July 178

June 101

December 160

April 222

November 40

January 90

March 195

July 43

April 74

January 142

February 46

February 121

November 176

July 196

July 43

April 151

February 39

June 76

December 44

October 231

July 50

March 72

April 42

October 44

April 41

January 98

April 42

#### AGRICULTURAL PRODUCTS

Directions on packages

**AIRCRAFT**

Helicopters for moving packaged goods, Sikorsky Aircraft

Air drops, polystyrene-foam containers for, Die Neue Verpackung (Germany)

Air-freight rates

**ALCOHOLIC BEVERAGES**

Aluminum-top beer can, Burger Brewing Co.

Automatic liquor-tax stamp applicator, John Burton Machine Corp.

Beer canning debut in Japan

Beer from a slot machine

Beer production market for bottles and cans

Blue-stained PVC suggested for beer bottles

Automatique (Germany)

Bottle sizes, proposed changes

Bottling whiskey 50% faster, synchronized line of

Joseph E. Seagram & Sons

Bulk imports of Scotch whiskey

Month	Page	Month	Page
Containers that screen ultra-violet rays .....		Apparel (See Clothing, Hosiery)	
Foil labels for beer bottles .....		<b>APPLICATORS</b>	
Getting the most out of AMA National Packaging Show; N. D. Ellis (Anheuser-Busch, Inc.) .....		Automatic liquor-tax-stamp applicator, John Burton Machine Corp. ....	July 50
'Handy' beer bottle .....		Handy foam-plastic applicator, Shoe-Sheen Products Corp. ....	October 111
How should a package designer be selected? R. A. Schiffer (Goebel Brewing Co.) .....		Valve-type controlled flow applicator for liquid and viscous products, Dab-O-Matic Corp. ....	July 52
Light-protective glass containers for Gallo wine; small bottles of wine in six-pack .....		Armour & Co. ....	May 63
Liquor-bottle sizes .....		Packaging complaints, How handled; C. D. Schobey Arnold Bakers' ....	
Looking-champagne-bottle closure; Lok-Seal, Inc. ....		Tall story, cookie carton .....	February 101
Mass impact; dramatic displays; Stroh Brewery Co. ....		Arrow Houseware Products Child-height display stand for drinking cups .....	August 100
Molded polyethylene beverage cases (returnable); Union Carbide Plastics Co. ....		Arrow Packing Co. ....	July 99
1960 liquor hinge .....		Foil glamorizes the potato .....	
One-trip beer bottles .....		<b>ASPHALT</b>	
Packaging complaints. How handled, N. D. Ellis (Anheuser-Busch, Inc.) .....		All-paper asphalt container, Owens-Illinois Glass Co., Paper Products Div. ....	June 56
Pressure-sensitive labeling ends glue smears; 50% reduction in labor costs, Ervan Lucas Bros. Distilling Co. ....		Atlantic County Market Growers Assn. ....	June 130
Test marketing of new packages; E. Gunderson (Regal Pale Brewing Co.) .....		Polyethylene netting bags for sweet potatoes .....	
Timplate cans for beer .....		Australia	
Vodka cruises in plastic boat .....		Package supplying industries .....	November 178
Whiskey for export; Australian package .....		Plastic's packaging in Australia .....	December 99
Window carton with a door; gift-packed champagne; Paul Masson Vineyards .....		Austrian package competition for 1960, booklet .....	March 74
Wrap-up for glass; economical in-plant six-pack for one-trip bottles .....		<b>AUTOMATION</b>	
<b>ALUMINUM</b>		Automated parts-handling system, General Automation .....	December 160
Aluminum bottle closure; Aluminum Co. of America .....		<b>AUTOMOBILE SUPPLIES AND PARTS</b>	
Aluminum can extrusion machine; Verson Allsteel Press Co. ....		New function in corrugated, Kent-Moore Organs .....	November 100
Aluminum-can progress .....		Pouching 46,000 Buick parts .....	June 117
Aluminum cans for citrus juice; tear-off aluminum lid for foil-paperboard can; Minute Maid Corp. ....		Autopac (International Packaging Machinery Show) .....	September 204
Aluminum cans with tear-off closure; Central States Can Corp. ....		Avon Products, Inc. ....	
Aluminum-top beer can; Burger Brewing Co. ....		Fift-acetol aerosol .....	December 87
Aluminum's 75th anniversary .....		Avocet Co. ....	
Canners weigh steel vs. aluminum .....		QWIP, aerosol whipped cream .....	January 90
Cans for frozen citrus-concentrate market .....		<b>B</b>	
Competition with timplate .....		Baby foods and suppliers of cans and jars .....	January 78
Competitive battle between steel and aluminum .....		Background on packaging (See Table of Contents, page 2 of Modern Packaging, each month)	
Consumer confidence in aluminum cans .....		<b>BAG MAKING</b>	
Economic reasons for importance of aluminum as can material .....		Bagger for pre-ground coffee manufactured by Swiss Industrial Co., Food Machinery & Chemical Corp., agent .....	September 54
Extrusion press makes aluminum cans; The National Machine Co. ....		Bag-making machine, G. T. Sjöstrand Co. ....	May 50
Frozen food packaging in aluminum foil .....		From resin to film bags on one machine, Plastifilm Converters .....	December 200
Large-size seamless aluminum containers, England		French polyethylene bag-making machine .....	March 71
Production from clay; research by Olin Mathieson Chemical Corp. ....		Heavy-duty polyethylene shipping bags .....	August 204
Seamless aluminum aerosol can; American Can Co., Bradley-Sun Div. ....		High-speed, side-weld bag maker, Netherlands .....	July 78
Seamless aluminum bottles; American Aluminum Co. ....		Machine for production of side-weld polyethylene bags and pouches .....	
Tear-open aluminum can for cheese products; Kraft Foods, ....		Polyethylene bag-making machine, G. T. Sjöstrand Co. ....	August 204
Vacuum coating of aluminum on paper; Nicolet Paper Corp. ....		Polyethylene bags from tubing; Unipac Corp. ....	April 234
Aluminum bottles (See Bottles)		Side-weld polyethylene bag-maker, Printex, S.A. ....	January 142
Aluminum Co. of America		<b>BAG PACKAGING</b>	
Development of ultrasonic foil splicing .....		Automatic coffee-bagger, Fr. Hesser Maschinen-fabrik A.G. ....	June 131
Aluminum foil (See Foil)		Bag and drum packers, H. L. Stoker Co. ....	December 180
Amchen (See American Chemical Products, Inc.)		Bag lifter offers speedy handling, Maran Mfg. Co. ....	December 180
American Agricultural Chemical Co.		Filling polyethylene bags in vacuum frame (England) .....	June 76
Flip lid for heater; plant-food package .....		Film bags utilized for faster packaging, Bemis Bro. Bag Co. ....	May 58
American Chemical Products, Inc. (Amchen)		Multiwall valve bag packer handling powdered and granular free-flowing materials, St. Regis Paper Co. ....	July 178
Contoured pour pouch for weed killer .....		Prescription for economy; stapling machine for closing bags, Western Charcoal Co. ....	April 196
American Institute of Graphic Arts		Bag paper (clay-coated; Arkell & Smiths, Inc.) ....	September 186
Packaging exhibition .....		<b>BAGS</b>	
American Management Assn.		(See also Paper Bags, Plastic Bags, Polyethylene Bags, Sealing Equipment)	
Booklet: Plastics Foams for Packaging .....		'Air-hatch' bag vent for insulative battings speeds loading and cuts damage, Carney Co. ....	July 124
Packaging Orientation Seminar .....		Automatic-bottom polyethylene bag, Continental Can Co. (Flexible Packaging Div.) ....	November 56
Packaging Show (See National Packaging Exposition and Conference)		Bag prices raised, Continental Can Co.'s Flexible Packaging Div. ....	October 231
Seminar re: methods of evaluating new packaging ideas .....		Bag-top imprinter and coder, Bemis Bro. Bag Co. ....	June 190
American Medical Assoc.		Barrier bag for pre-ground coffee formed and filled, First National Stores .....	May 122
Request for study of proposed drug-labeling requirements .....		Booklet: Multiwall Packaging Guide, Bemis Bro. Bag Co. ....	November 180
American Paper Specialty Co.		Coatings for multiwall bags .....	May 91
Blister-carded greetings .....		Co-polymer-film shipping bags, B. J. Martinovich and Robert Doyle .....	November 131
American Society for Testing Materials		Heavy-duty shipping bags of polyvinyl chloride .....	December 186
Booklet: New Polymers - New Problems (Herman F. Mark lecture) .....		High-gloss waxed bags for food items, Arkell & Smiths .....	August 92
American Steel & Wire Div. (see United States Steel)			
<b>AMPOULES</b>			
Ampoule filler and sealer; Chase Equipment Co. ....			
Fully automatic ampoule marker (Hungary) .....			
<b>ANIMAL FOODS</b>			
Dog food package; General Foods .....			
<b>ANTIFREEZE COMPOUNDS</b>			
Automatic inserter for sets of wire-wound radiator tags and 8-page brochure in shipping cases; Prestone Div. of Union Carbide Corp. ....			
December 110			

Month	Page	Month	Page
Marking system for "pernicious" additives to multiwall sacks, England .....			
Multiwall-bag sewing attachment, Bemis Bros. Bag Co. ....			
Multiwall bag with polyethylene ply, Chase Bag Co. ....			
Multiwall shipping bag, Olin Mathieson Chemical Corp. ....			
Oriented-polystyrene produce bag, The Kordite Co. ....			
Polyester-film contour bags (duPont development); manufacturer by Comet Packaging and Paper Co., and by Van Pac, Inc. ....			
Polyethylene handle for multiwall bags, Union Bag-Camp Paper Corp. ....			
Polypropylene ....			
PVC bag-in-box replaces casks, British Vinegar, Ltd. ....			
Quick-opening multiwall bag closure, Bemis Bro. Bag Co. ....			
Thin skin that's tough, shrinkable film bags for processed meat, B. J. Price Co. ....			
Baked goods (See Food Packaging -- Bakery Products)			
Baldrige Bakery, Inc.			
Polyethylene film for bakery wrapping .....			
<b>BALING EQUIPMENT</b>			
Bag opener and positioning machine, Bemis Bro. Bag Co., Systematic Corp. ....			
Baltimore Brushes			
Now, a "flip-top" blister for paint brushes.....			
Barrier material, Transparent laminate of polyethylene and polyester, Continental Can Co. ....			
Barrier materials from Germany .....			
Barton's Bonbonniere			
Special appeals, Jewish packages .....			
Bauer & Black			
Design confirmed by research, elastic goods packages .....			
Beecham Products, Inc.			
First free-piston aerosol pioneered by Brylcreem (Cream-type hair dressing) .....			
Beer (See Alcoholic Beverages)			
Bemis Bro. Bag Co.			
Booklet: Multiwall Packaging Guide .....			
Benton Kirby, Inc.			
Automation justifies a package, filler and lidder for garden seeds imbedded in vermiculite provides economies for foil planter .....			
<b>BEVERAGES</b>			
Alcoholic (See Alcoholic Beverages)			
Aluminum can for citrus juice, tear-off aluminum lid for foil-paperboard can, Minute Maid Corp. ....			
Aluminum cans for orange juice concentrate.....			
Brochure: The Canning of Carbonated Beverages, Continental Can Co. ....			
Canned soft drinks, consumer attitude survey by Continental Can Co. ....			
Containers that screen ultra-violet rays.....			
Cost distribution (containers), 1959 .....			
Emerging commercial sophistication in West Africa, package designs for soft drinks .....			
Flexographic printing on six-pack carriers of Belfast soft drinks .....			
Foil labels for one-trip beer and beverage bottles, Fluorescent printing for multipacks, Packaging Corp. of America .....			
Foil-lined fibre can for frozen juice concentrates, R. C. Can Co. ....			
Glass and metal containers .....			
Ingredient data for bottles, Food & Drug Administration regulation .....			
Molded polyethylene beverage cases (returnable), Union Carbide Plastics Co. ....			
Pepsi-Cola tests lightweight, throw-away glass bottles .....			
Plastic-coated juice carton, Minute Maid Co. ....			
Polyethylene reclosures for bottles initially sealed with crown caps (England) .....			
Polystyrene multipackaging clip for use by packagers of canned beverages, Brunsing & Sons Royal Crown canned soft drinks .....			
Soft drink containers for supermarkets, Sun Dew Corp. ....			
12-bottle carry-home carton, Bertram Wire Products, Inc. ....			
Ultralight tinplate for frozen orange juice concentrate, Minute Maid Co. ....			
Wrap-up for glass, economic in-plant six-pack for one-trip bottles .....			
<b>BLEACHING COMPOUNDS</b>			
Bleaches move to plastics; high-density polyethylene jugs, testing by Roman Cleanser Co. ....			
The Clorox Co., Tops Chemical Co., Purex, Packaging of liquid bleach, Clifford Haskell (Alpha Beta Food Markets, Inc.) .....			
<b>BLISTER PACKAGES AND PACKAGING</b>			
Air press for stick-on blisters, Jackmeyer Corp. ....			
Automatic blister-packaging unit, Abbott Plastic Machine Corp. ....			
Blister-carded greetings, American Paper Specialty Co. ....			
Blister economy, vitamin products, White Shield Corp. ....			
Carded skin and blister packs .....			
Compact blister-packaging unit, Ercos Engineering Corp. ....			
Continuous double-flange forming, Tronomatic Machine Mfg. Corp. ....			
GE enters hobby market, educational electronic science kits, blister packaging of items.....			
Hang-up card hole-punching unit, Abbott Plastic Machine Corp. ....			
Hardware items .....			
How GM uses blister packs .....			
Low-cost formers for skin and blister packs, British firm .....			
Moist sponge in blister tray, General Mills .....			
New blister-packaging machine, Frank R. Ferris Co. ....			
Now, a "flip-top" blister for paint brushes, Baltimore Brushes .....			
Portable blister-packaging machine used by movers			
Pressure-forming machine, Abbott Plastic Machine Corp. ....			
Pressure-sensitive blister-pack card, Field Paper Box Co. ....			
Rigid, glossy vinyl sheet for heavy items, Nixon-Baldwin Chemicals, Inc. ....			
Short or long-run blister packaging, Plast-O-Craft Corp. ....			
Spartack, fishing equipment in blister packages, Horrocks-Ibbotson Co. ....			
Stand-or-hang blister pack for acne medication, Helene Curtis .....			
Two new blister sealers designed for short-run packaging jobs, Ercos Engineering Corp. ....			
Vacuum and blister-forming machines, Product Packaging Engineering .....			
Versatile vacuum-forming unit adaptable for blister packaging, Plast-O-Craft Co. ....			
Block Drug Co.			
Automation speeds line 140%, rotary filler for powdered dental cleanser .....			
<b>BLOW-MOLDING</b>			
All-hydraulic blow-molding machine, Peuchen Engineering Corp. ....			
Blow-molded bottles, polyethylene and polypropylene .....			
Blow-molded containers, materials and uses .....			
Blow-molded PVC suggested for beer bottles, Automatic (Germany) .....			
Blow-molding for large plastic items, F. J. Stokes Corp. ....			
Duriable high-density polyethylene suitable for blow-molded containers, Goodrich-Gulf Containers, Inc. ....			
Fast-action blow-molding machine, Auto-Blow Corp. ....			
High-density polyethylene resins for, Dow Chemical Co. ....			
Standard line of blow molders, Waldron-Hartig Div., Midland-Ross Corp. ....			
Bottles, Ervan Lucas Distilling Co.			
Pressure-sensitive labeling ends glue smears, 50% reduction in labor costs .....			
<b>BOOK REVIEWS AND COMMENTS</b>			
Aerosols: Science and Technology, H. R. Shephard (of Aerosol Techniques), ed. ....			
Catalog of Spanish packaging industries .....			
Emballage Arboigen (Danish Packaging Guide) .....			
How to proceed under the Food Additives Amendment (Booklet), Manufacturing Chemists Assn. ....			
Polypropylene, Theodore O. J. Kresser .....			
Radiation technology in food, Agriculture and Biology, N. W. Desrosiers and H. M. Rosenstock .....			
Self-service meat merchandising, The Kordite Co. ....			
Strategy of Desire, Ernest Dichter .....			
Borden Co., The Package copy and layout .....			
Bottle-can uncaser, Climax Products Div., Lodge & Shipley .....			
Bottle closures (See Closures)			
Bottle packaging, limit-switch operation .....			
Bottle smasher for non-returnables, British firm .....			
<b>BOTTLES</b>			
Adjustable-flow roll-on, liquid deodorant in glass bottle with polyethylene collar, Northam Warren, All-plastic sheet bottle .....			
Amber milk bottle, The Netherlands .....			
Automatic bottle-wrapping machine, England .....			
Blow-molded, applications of .....			
Blow-molded bottles, polyethylene and polypropylene .....			
Blow-molded polyethylene bottles, Celanese Corp. of America .....			
Blow-molded PVC suggested for beer bottles, Automatic (Germany) .....			
April 165			
June 101			
November 81			
May 72			
June 98			
April 42			
October 60			
April 125			
January 142			
April 164			
December 162			
February 87			
April 191			
September 86			
August 126			
May 166			
September 113			
April 39			
June 192			
October 178			
May 164			
April 252			
August 124			
April 166			
July 174			
November 54			
September 190			
May 124			
December 160			
April 42			
June 98			
April 125			
January 46			
January 44			
May 168			
August 50			
October 178			
April 196			
April 265			
August 76			
November 81			
September 204			
March 162			
October 184			
May 176			
October 188			
April 148			
July 174			
July 142			
September 86			

Month	Page	Month	Page
'Chili-proof' locking-cap bottle, Brockway Glass Co.	158	BRUSHES	
Detergent containers	39	Automatic toothbrush packaging machine developed by Italian firm	January 61
Easy-handling half-gallon milk bottle, Thatcher Glass Co.	54	Carton cleaner, toothbrush packages, <i>Tactona, Inc.</i>	March 118
Economical one-way multipackaging for bottlers, Weyerhaeuser Co.	126	Neatener look, at 20% less machine instead of hand-operated staplers for brush kits, Empire Brushes, Inc.	
Filler for flat oval bottles, Elgin Mfg. Co.	256	Now a 'flip-top' blister for paint brushes	January 103
'Handy' beer bottle	42	Baltimore brushes	September 113
Heat-transfer printing of plastic bottles, great packaging discovery, Dennison Mfg. Co.	126	Tek sells to kids with scented tooth-brush and tube cap, Johnson & Johnson	December 95
Light-protective glass	52	Test marketing of new packages, Richard Campbell (Baltimore Brushes, Inc.)	September 69
Lightweight glass bottles	109	Brylcreem (See Beecham Products, Inc.)	
Lightweight half-gallon glass bottle, W. Braun Co.	41	Bubble packs (See Blister Packages, Skin Packaging)	February 81
Lightweight one-trip glass bottle for cream, Owens-Illinois Glass Co.	126	Built-in convenience (ed.), Bulk Packaging & Container Institute, Objectives of	March 170
Liquor-bottle sizes	126	Bulova Watch Co.	January 88
Molded polystyrene bottle, Sarson, Ltd.	126	Space-age package	
New speed for big bottles, vacuum filling, Clorox Co. (bleach manufacturer)	126	<b>BUNDLING</b>	
One line for two problem bottles, Herbert J. Ogleby (Abbott Laboratories)	126	Mechanical brick-bundling, Robinson Brick & Tile Co.	October 117
One-trip beer bottles	41	Burger Brewing Co.	October 233
One-trip soft-drink glass bottle	42	Aluminum-top beer can	
One-way soft-drink bottle, that her Glass Mfg. Co. Pepsi-Cola tests lightweight, throw-away glass bottles	46	Burrus Corp.	
Plastic bottle drying oven, General Research & Supply Co.	96	Cartoning for economy, inked machine ribbons in locking carton	
Plastic bottles, complete attachments	126	Burrus Wellcome & Co., Inc.	December 90
Plastic bottles, forecast of growth	126	Rain loading of divider cartons	June 122
Plastic bottles, 3-color printer for, International Eastern Co.	126	Butler Bros.	October 110
Plastic, inserting plugs in, Resina Automatic Machinery Co.	126	New design upgrades variety-store stationery line	
Poly styrene for toiletries and condiments	126	Butter Nut Foods	
Polyethylene insert replacing cotton in heatspace of tablet containers, John Date, Ltd.	126	Instant-coffee 'arafé' projects subtle quality appeal	October 111
Polypropylene milk bottle	126	<b>BUTYRATE</b>	
Precision roll labeling of glass bottles, William S. Merrill Co.	126	Two-piece, formed boxes, Extruded Plastics, Inc.	September 202
Seamless aluminum bottles in stock sizes, American Aluminum Co.	126	<b>C</b>	
Silk-screen printer for plastic bottles, machine of German origin	126	California Date Growers Assn.	
Squeeze-type (See Polyethylene Bottles)	126	Cold-formed plastic tray for dates	December 701
Stamp application, Joseph E. Seagram & Sons	126	California University of Creative Packaging of Consumer Goods, short course by University Extension	May 176
Standardization of wine bottles (France)	126	Cameras (See Photographic Supplies)	
Synchronous line for plastic bottles, Lambert-Hudnut Mfg. Laboratories, Charles J. Rodgers	126	Campania Corp.	
Uprighting plastic bottles, control devices	126	Maximum exposure for non-commercial look, restyled hand-motion package	February 95
Wrap-around bottle carrier developed by Ameri-Matic Machinery Co., Weyerhaeuser Co.	126	Can and bottleusher, Prolex Mfg. Co.	December 50
Wrap-up for glass, economical in-plant six pack for one-trip bottles	126	Can-bagging and assembly, American Can Co., Can Div.	November 166
Bottling-line equipment, Lodge & Shipley, Climax Products Div.	126	Can-lasing machine, A-B-C Packaging Machine Corp.	September 186
<b>BOX MAKING</b>		Can-divertor, Magnetic Take-off, Pein Corp.	May 167
Lower-cost extension-edge box making, EMC Corp.	August	Can Manufacturers Institute	
Steel can production items from annual report of	168	Steel can production, items from annual report of	September 204
Can manufacturer, Climax Products Div., Lodge & Shipley	168	Can manufacturer, Climax Products Div., Lodge & Shipley	July 174
Canada showing sense of nationalism	168	Canada showing sense of nationalism	February 69
<b>BOXBOARD</b>		<b>CANDY AND CONFECTIONERY</b>	
Oil-masking boxboard grade, Weyerhaeuser Co.	126	All-plastic, up-cartoner wins new markets for	
<b>BOXES</b>		units, Thos. D. Richardson Co.	
(See also Fibre Containers, Flip-top Boxes, Folding Boxes, Metal Containers, Plastics, Set-up Boxes, Shipping Containers, Wooden Containers)	126	Bright corrugated sleeves for shopper display	
Box maker has air-driven stitching heads, Saranac Machine Co.	126	action of miniature chocolates, Stephen F. Whitman & Son	
Frame-carton 'showcase' doubles sales of candy novelties, Startop & Sons Candy Co.	126	Candy in supermarkets, Stephen S. Whitman & Son	April 164
Boyer Chemical Co.	126	Contamination from polyethylene trays	February 179
Dual design for household chemicals	126	Cost distribution (containers), 1959	May 42
Brach, E. J., & Sons	105	Delson Candy Co., protective packaging, FDA case (ed.)	January 83
In-plant film (polyethylene) maker, candy packages	126	Design project sponsored by E. I. du Pont de Nemours & Co., in cooperation with design schools	May 85
Brands (See Trademarks and Brands)	126	Flip tops for hotolate in English markets, Nestle' Co.	April 265
Breck, John H., Inc.	126	Foil cups for candy and dairy products, Eko-Alma Containers, Inc.	January 62
Metal tubes can be beautiful, "tubes of gold" for hairdressing and conditioners	126	Frame-carton 'showcase' doubles sales of candy novelties, Startop & Sons Candy Co.	June 56
Brent, Barbara, Inc.	126	Hards-and-twist wrapper, John Sheffman, Inc.	May 99
Expandable card pack for bras	126	In-plant film (polyethylene) maker, candy packages, E. J. Brach, Sons	March 160
Breskin, Charles A.	126	Lock-tap tray package	May 220
Lecture at Australian Plastics Convention, "World Wide Growth Trends in Plastic Applications"	126	Long play record on confectionery carton, G. E. Lovell & Co. (England)	December 103
Awarded John W. Denham Lecture gold medal	126	Packaging in polymer-coated polyethylene	March 72
<b>BRICK</b>		Piggy-bank package of polystyrene foam, Fralinger Plastic packaging for candies	March 184
Brick packaging mechanized, Robinson Brick & Tile Co.	126	PVC trays	October 99
Brillo Mfg. Co., Inc.	126	Redesign payoff 500%, King-Kup Candies, Inc.	January 120
Five-year plan keeps pace with changing times	126	Special appeals, Barton's Jewish packages	June 100
Brillo soap pads	126	Test marketing of new package, R. F. Gundlach I. (Terry Candy Co.)	June 129
British Cellophane, Ltd.	126	Versatile greaseproof, fits-out packaging 35%	January 93
Magazine, Merchandising Vision	126	Royal Nut & Candy Co.	September 69
British national packaging competition, Starpack awards	126	Canned food (See Food-Packaging - Canned Foods)	January 103
British Plastic Federation	126	<b>CANS</b>	
Packaging group	126	(See also Fibre Containers, Metal Containers, Transparent Containers)	

Month	Page	Month	Page
Aluminum (See Aluminum)		Polymer-coated cellophane, polyethylene-coated cellophane and cellophane coated with combination of antioxidants, Olin-Mathieson Chemical Corp.	April 74
Canners weigh steel vs. aluminum		Polymer-coated cellophanes; Olin-Mathieson Chemical Corp.	January 46
Competitive battle between steel and aluminum		Record growth of sales	April 39
Cost of aluminum, tinfoil, fibre-foil		Web conditioning remoisturizes cellophane, American Viscose Corp.	May 162
High speed can-bodymaker, E. W. Bliss Co.		<b>CELLULOSE ACETATE</b>	June 154
One-trip developments		Jars used for small Ordnance parts; evaluation tests, Richard H. DeVore	
Royal Crown canned soft drinks		<b>CELLULOSICS</b>	
Soft-drink cans		Bread baked in cellulose film, German bakeries	September 86
Spiral-wound foil-fibre can; Anaconda Aluminum Co.		Century Drill & Tool Co., Hang-up plug closure for tubular container	October 132
Thin-gauge tinfoil cuts weigh 50%, United States Steel Co.		<b>CERAMIC PRODUCTS</b>	November 140
Ultralight tinfoil		Protective package for	
Capping machines (See Sealing Equipment and Supplies)		Cereal packaging (See Food Packaging - Dry Products)	
Carney Co.		<b>CHAIN AND VARIETY STORES</b>	
'Air-hatch' bag vent speeds loading and cuts damage		Award winner in Variety Store Merchandiser competition	March 195
Carrier cartons (See Folding Boxes and Display Cartons)		Chain-store showmanship, Glamour Jewelry Co.	February 116
Carton former copes with many shapes, England		Hardware market	February 86
Carton former with windowing attachment, Germany		Challenge of the times (ed.)	November 91
Carton maker, Multi-function corrugated, S & S Corrugated Paper Machinery Co.		<b>CHARCOAL</b>	
Carton printing, in-plant, Algene Marking Equipment Co.		Prescription for economy, stapling machine for closing bags, Western Charcoal Co.	April 196
<b>CARTONBOARD</b>		Cheese (See Dairy Products)	
Colored, cast-coated cartonboard, Interstate Folding Box Co.		Chemical Specialties Mfrs., Assn.	
<b>CARTONING</b>		Aerosol Packaging Awards Competition	January 178
Automatic five-pack cigar cartoner, Thiele Packaging Machinery Co.		Survey discloses current trends in aerosol industry	July 196
Cartoning for display		Chemicals (See Drugs and Chemicals)	
Gastight coffee carton, three-ply tubular liner, AB Hakon Swenson		<b>CHewing GUM</b>	
Line for a giant carton, detergent package, Lever Bros.		Lock-tab tray package, Peter Paul	December 103
<b>CARTONING EQUIPMENT</b>		Chicago Dietetic Supply House	
Adjustable cartoning machine, Container Equipment Corp.		50% more sales for less, chocolate bar in foil-laminated glassine bag instead of paperboard carton	February 107
Carton-forming machine, Crandall, Inc.		Chimes Cake Co.	
Carton forming and closing, Continental Can Co., Boxboards & Folding Carton Div.		On-the-run imprinting keeps costs down	September 127
Faster carton-size change-over, Peters Machinery Co.		<b>CHINaware</b>	
French machine that sets up cartons from blanks by hooking		Shipper-testing program cuts costs and product damage, Syracuse China Corp.	April 187
Imprinter for cartoning machine, Adolph Gottschalk, Inc.		Chlorine Solution Co.	February 106
Low-priced self-locking cartoning machine (England)		Saran coated shipping carton	
Portable, automatic cartoner for ice-cream novelties, also applicable for bakery and meat packaging, Integral Pakaging Co.		<b>CHOCOLATE AND COCOA</b>	
Wrap-around bottle carrier developed by Amré-Matic Machinery Co., Weyerhaeuser Co.		Package decision-maker, Clinton Sheppard (The Nestlé Co.)	October 73
<b>CARTONS</b>		<b>CIGARETTES</b>	
(See also Folding Boxes and Display Cartons; Fiber Containers, Shipping Containers)		Carton printing	August 91, 92
Attaching together for special deal promotion		Roll-fed cigarette cups, R. J. Reynolds Tobacco Co.	November 104
<b>CASE LOADING AND UNLOADING</b>		Slow-down to save money, get better package, Imperial Tobacco Co. of Canada, Ltd.	September 86
Case set-up and packaging unit for use by canners, A-B-C Packaging Machine Co.		<b>CIGARS</b>	
Caser with double case discharge, Canning Machinery Div., EMC Corp.		Automatic five-pack cigar cartoner, Thiele Packaging Machinery Co.	August 52
Case packer for use in canning or bottling plants, Mead Corp.		<b>CLEANING COMPOUNDS</b>	
Case set-up, sealing and loading machine, Bemis Bro. Bag Co., Systemation Corp.		(See also Soaps and Cleaners)	
Casing machine for can and bottle wrap-around packs, Atkron		Canister of polystyrene foam for fluid used by dry cleaners, General Clarifier Corp.	October 204
Casing of gallon paint cans, Food Machinery & Chemical Corp.		Film for chlorinated compound, drum liner or coating	March 134
Cat foods (See Dog and cat foods)		<b>CLEANING TISSUES</b>	
<b>CELOPHANE</b>		Squeeze-on, compression packaging of Kimberly-Clark's facial tissues	August 98
Antioxidant cellophane, R. Henderson, G. A. Wallace and R. H. McMillip (Olin-Mathieson Chemical Corp.)		Clorox Co.	February 96
Automatic-bottom cellophane bag, Continental Can Co., (Flexible Packaging Div.)		New speed for big bottles, vacuum filling	
Cellophane (polyethylene-coated) for meat wrapping, Olin-Mathieson Chemical Corp.		Closing machines (See Sealing Equipment and Supplies)	
Competition with other films, effect on prices		<b>CLOSURES</b>	
Egg cartons, wrapping in heat-sealed cellophane, FDA clearance		Aluminum bottle closure, Aluminum Co. of America	March 44
Film specifications for flexographic and rotogravure printed cellophane, Specifications Task Committee of National Flexible Packaging Assn.		Aluminum can with tear-off closure, Central States Can Corp.	December 50
Improvements in cellophane sealing, E. L. du Pont de Nemours & Co.		Childproof closure for aspirin, Howe & Co.	July 123
Lightweight cellophane wraps, Zaffers' Bakery		"Child-proof" locking cap bottle, Brookway Glass Co.	December 158
New code, yield basis replacing old gauge system		Closure seal with captive swivel nozzle, U.S. Cap & Closure Co.	May 62
Packaging role		Closure session of Packaging Institute	December 178
Pickle jars in cellophane multipacks		Closure with "cushion" liner, Gilbert Mfg. Co.	February 159
Merchandising Vision (England)		Crown cap, great packaging discovery	October 114
Pitch for lower prices		Flexing cap liners (France)	November 81
		French machine for sealing closures on filled pouches	March 71
		Hang-up plug closure for tubular container, Century Drill & Tool Co.	October 132

Month	Page	Month	Page
Linerless polyethylene screw cap; Aurora Plastic Corp.; Industrial Seal & Closure Corp., sales agent.....			
Locking champagne-bottle closure; Lok-Seal, Inc., Multiwall-bag sewing attachment; Bemis Bros. Bag Co.....			
Pilferproof closure with breakable ring developed by German firm.....			
Plastics caps to cushion tablets; Packaging (England).....			
Plastic closures.....			
Polyethylene bag with thread-like zip fastener (Japan).....			
Polyethylene cover for aluminum-foil baked goods pans and machine for applying cover tightly; The Cryovac Co.....			
Polyethylene reclosures for bottles of soft drinks initially sealed with crown caps (England).....			
Polystyrene aerosol overcap; Sunbeam Plastics Corp.....			
Quick-opening multiwall bag closure; Bemis Bro. Bag Co.....			
Sliding clasp for plastic tubes; Samuda Co., Inc., Slip-on, pull-tight, plastic-bag closure developed in France.....			
Snap-off pilferproof polyethylene cap (Switzerland).....			
Special cap design for syrup bottle.....			
Spot-seal closure.....			
Strong multiwall-bag closure; West Virginia Pulp & Paper Co.....			
Tamperproof, self-opening closures for polyethylene squeeze-to-use bottles; Druplex Holland.....			
Tightening of caps on bottled products.....			
What price protection? Metal caps instead of molded phenolic for some products; Wm. S. Merrill Co.....			
<b>CLOTHING</b>			
Gift packaging women's blouses in polyethylene bags How to stop "design drift"; Peter Pan Foundation, Inc.....			
Expandable card pack for bras; Barbara Brént, Inc., Package decision-maker; J. J. Rush (Rauh Co., Inc.).....			
The new Cooper's; re-design program.....			
Two-stage switch-over cuts costs and builds shirt sales; Colonial Corp. of America.....			
<b>COATING EQUIPMENT AND MACHINERY</b>			
"Electrostatic" process for depositing coatings on paper and paperboard.....			
Pilot extruder for polyethylene coatings; American Siskraft Co.....			
Waxing of roll stock.....			
<b>COATINGS</b>			
Adhesion promoters for polyethylene; C. L. Clark, Jr., W. L. McCarthy, and T. F. McLaughlin, Jr.....			
Batteries work portable measuring unit for coatings on metal products; Packaging Review (England).....			
Coated thermoplastic films.....			
Coating for paperboard and film; Interchemical Corp.....			
Cold-seal coatings for higher speeds; development in Sweden.....			
Corrugated anti-abrasion coating; Inland Container Corp.....			
Extrusion coating formulation; Eastman Chemical Products.....			
FDA-approved paper coating; Dow Corning Corp.....			
Extrusion coating on the rise.....			
For labels, scuff-resistance.....			
Gloss coatings.....			
New polymer for paraffin wax coatings.....			
Paper milk containers; switch from wax to polyethylene coatings.....			
Plastics coatings; dominance of polyethylene, water emulsions of polyvinylidene chloride, polypropylene.....			
Polyethylene.....			
Resin for coating applications (polyvinylbutyral); Shawinigan Resin Corp.....			
Saran-type coatings on board and paper.....			
Silicone-treated papers in England.....			
Standards for extrusion coatings; Benjamin Lechner and Wm. S. Bunte.....			
Stripping can coatings; Charles H. Coleman and John E. Despaul.....			
Vinyl emulsion coatings for paper; Potlatch Forests, Inc.....			
Coats & Clark			
Sewing supplies; package instructions.....			
Code dater; John R. Naibach Engineering Co.....			
Code-dating equipment; Kiwi Code Corp.....			
<b>COFFEE</b>			
Automatic coffee bagger; Fr. Hesser Maschinenfabrik A.G.....			
Bagger for pre-ground coffee manufactured by Swiss Industrial Co., Food Machinery & Chemical Corp., agent.....			
Barrier bag for pre-ground coffee formed and filled; First National Stores.....			
Gastight coffee carton, three-ply tubular liner; AB Hakon Swenson.....			
Instant-coffee "carafe" projects subtle quality appeal; Butter-Nut Foods.....			
Package decision-maker; Dr. Jack Bloom (Continental Coffee Co.).....			
Package decision-maker; Geo. Harrison (United Instant Coffee Corp.).....			
Packaging for restaurants; Standard Brands (Chase & Sanborn).....			
Polypropylene packaging; Sanka's big sampling through magazine pages; General Foods.....			
Thermoformed PVC containers for coffee; Antwerp packager.....			
<b>COFFEE BREWING DEVICES</b>			
Cory Corp. upgrades interior packaging of coffee makers and cuts costs 33%.....			
Colonial Corp. of America Two-stage switch-over cuts costs and builds shirt sales.....			
<b>COLOR</b>			
Color Additives Amendment.....			
Color tints of glass blocking ultra-violet light rays.....			
Colored polyethylene in contact with foods (Germany).....			
Pearlescent colors for polypropylene.....			
Preferences of consumers shifting from light pastels to sharp and bright colors; Faber Birren, Printing and color control -- what the customer sees; G. E. Thomas (Campbell Soup Co.).....			
Regulations of color pigments in plastics (France).....			
Color Additives Amendment, regulations issued by F&DA.....			
Color Additives Bill, comment.....			
Come Model Hobby craft, Inc. Folding-box flexibility; 3-piece window carton for model planes (toys).....			
Commerce Clearing House Booklets re coloring ingredient used in or on a food, drug or cosmetic and Hazardous Substance Labeling Act.....			
Condiments (See Food packaging -- Condiments) Consumer goods packaging.....			
<b>CONDENSERS</b>			
Awareness of practical value of plastics in packaging.....			
Consumers a-write (Ed.).....			
Packaging conveniences for container prices.....			
Container prices forced up (England).....			
Container standardization; Germany.....			
Container unscrambler; Standard Metal Products.....			
<b>CONTAINERS</b>			
Conflict in containers -- simple and complex.....			
In-plant fabrication.....			
Lightweighting of.....			
<b>CONTESTS</b>			
(See also Exhibitions)			
January 61 Collegiate Packaging Design Contest, St. Regis Paper Co.....			
August 166 Winners in Du Pont student project; candy package designs.....			
September 190 Continental Can Co. Bag prices raised.....			
September 188 Brochure, "The Canning of Carbonated Beverages, Sound-color film: "Multiple Packaging: Fat or Fixture,".....			
May 87 Convenience is king.....			
April 222 Convenience packaging.....			
May 92 Convenience packaging features for hardware.....			
July 134 July 204			
July 143 January 172			
January 128 January 78			
May 166 January 81			
August 166 January 172			
September 190 January 78			
September 188 October 231			
May 87 October 184			
July 134 September 204			
July 143 November 93			
January 107 January 80			
October 43 February 175			
<b>CONVEYORS</b>			
Conveyor attachment for placement of corrugated dividers in cooky cartons; Peters Machinery Co. Electronic conveyor carton selector; Atromic Products, Inc.....			
September 198 Magnetic conveying systems; Emballages (France).....			
June 44 Nail packaging equipment; U. S. Steel's American Steel & Wire Div.....			
February 70 Vertical container conveyor; Standard Conveyor Co. Cooktime Products.....			
January 107 The new Cooper's, re-design program for men's furnishings line.....			
April 209 Corn Products Co. Triumph in embossing; margarine package; Best Foods Div.....			
May 164 Corning Glass Works Booklet: This Is Glass.....			
December 158 September 136			
November 54 January 84			
December 158 June 212			
<b>CORROSION</b>			
(See also Volatile Corrosion Inhibitors)			

Month	Page	Month	Page
Corrosion preventive polyester film, Dauber Chemical Co., Nox-Rust Div.	142	Low-cost electronic counter, Standard Instruments Corp.	202
VCI papers for non-ferrous metals, Dauber Chemical Co., Nox-Rust Div.	174	Selective container feeder with counting switch, Island Equipment Co.	246
Corrugated and fibreboard seminar, Packaging Institute	116	Short count of Brillo soap pads	41
<b>CORRUGATED BOARD</b>		Variable-speed counter and filler for small parts, Fairchild's, Inc.	46
(See also <i>Folding Boxes and Display Cartons</i> )			
Corrugated anti-abrasion coating, Inland Container Corp.	166		
Multicolor printing on, The Mead Corp.	60		
New function in corrugated, cavity packs for automobile repair sets, Kent-Moore Organization	100		
Corrugated containers (See <i>Fibre Containers; Shipping Containers</i> )			
Cory Corp.	125		
Cory upgrades interior packaging of coffee makers and cuts costs 33%.			
<b>COSMETICS AND TOILETRIES</b>			
Acetal aerosol for spray-mist cologne, Avon Products	101	July	125
Aerosol containers	196		
Aerosol toothpaste	43		
Automation speeds line 140%, rotary filler for powdered dental cleanser, Block Drug Co.	124		
Beauty aids in supermarkets	42		
Carton printing	91		
Convenience packages	95		
Double-walled plastic jar for cosmetic creams, Imco Container Corp.	58		
18th century elegance, Coty Christmas gift sets	110		
First acetal aerosol (used for cologne fragrance), Avon-Products, Inc.	87		
First free-piston aerosol pioneered by Brylcreem (cream-type hair dressing), Beecham Products, Inc.	88		
First polypropylene tube, make-up cream, Melissa, Inc.	198		
Foam and plastic package for children's cosmetics, Tom Fields, Ltd.	101		
Free-piston aerosol container	129		
Gift combos in stretch films, Max Factor	103		
Heavy-wall polystyrene jar for cosmetic packagers, Celluplastics Corp.	172		
High-density polyethylene bottles for	40		
High-speed stretch-film card packs resulting from development of form-fill-seal machinery, How should a package designer be selected? Ernest Sharpe (Alberto-Culver Co.)	110		
Maximum exposure for non-commercial look, restyled hand lotion package, Campagne Corp.	212		
Now it's mouthwash in refillable glass decanter, Vick Chemical Co.	95		
Package copy preparation, surface and inserts, Palletizing dollar stretcher, Helena Rubinstein, Inc.	95		
Pearlescent colors for polypropylene containers, Enjay Chemical Co.	298		
Plastic aerosols for toiletries	122		
Polystyrene foam in lipstick package, Richard Hudnut	168		
Powder aerosols	142		
Precision roll labeling of glass bottles (mouth-wash), William S. Merrill Co.	101		
Protective disks for cosmetic jars, Busse Plastic Co.	40		
'Slim look' for aerosol dispensers of spray fragrances, Bridgeport Metal Goods and VCA, Inc.	126		
Squeeze tube for make-up product, Melissa, Inc.	176		
Stretch film in combination-deal carton for dry skin lotion, Prince Matchabelli, Inc.	46		
Stripe toothpaste, success story, Lever Brothers, Synchronous line for lotions, deodorants, cleansers, Lambert-Hudnut Mfg. Laboratories	218		
Tek sells to kids with scented toothbrush and tube cap, Johnson & Johnson	112		
Twin-sleeve multipack for cotton swabs, Johnson & Johnson	98		
What kind of men? Comments in Sales Appeal and Packaging Technology (England)	165		
<b>COSTS</b>			
(See also <i>Packaging Costs</i> )			
Low-cost polystyrene jar for cream hair dressing, Keystone Laboratories	122		
Palletizing dollar stretcher, Helena Rubinstein, Inc.	122		
Service with a saving, 250-lb. drum of fumaric acid replaced by 50-lb. multiwall kraft bag, Pittsburgh Chemical Co.	102		
Coty, Inc.	102		
18th-century elegance, Christmas gift packages	110		
<b>COUNTER DISPLAYS</b>			
Bright corrugated scores for shipper display carton of miniature chocolates, Stephen F. Whitman & Son	164		
<b>COUNTING MACHINES</b>			
Accurate, automatic parts counter, Atronic Products, Inc.	192		
Counting at speeds to 12,000 per minute; control of levels in tanks, Packaging News (England)	82		
Low-cost electronic counter, Standard Instruments Corp.	202		
Selective container feeder with counting switch, Island Equipment Co.	246		
Short count of Brillo soap pads	41		
Variable-speed counter and filler for small parts, Fairchild's, Inc.	46		
<b>CRIMPING MACHINES</b>			
Aerosol-bottle crimper, Pressure Pak	162		
Aerosol valve crimper, John R. Nalbach Engineering Co.	164		
Formation of	115		
Cup casers (See <i>Paper Cups</i> )			
Curtis, Helene Industries			
Pleated shipper for hair dryers	114		
Stand-or-hang blister pack for an acne medication	166		
<b>CUSHIONING MATERIALS</b>			
Cory Corp. upgrades interior packaging of coffee makers and cuts costs 33%	125		
Cushion-packaging material, John Hoffman (Kimberly-Clark)	210		
Cushion inserts in gear-pump parts package	108		
Double-duty molded pulp cushioning tray cuts costs 20%, Transistor Electronic Corp.	126		
Extruded polyethylene foam as cushion pads	219		
Formed-plastic corner cushioning, Pac-Tron, Inc.	162		
Formed-plastic caps cushion instruments, Westinghouse Electric Corp.	123		
Investigation of, at Picatinny Arsenal, Mario E. Gigliotti	148		
New grades of interior wadding, Kimberly-Clark Corp.	164		
Nomenclature for cushioning, England	70		
Packages for ceramic products	140		
Plastics caps to cushion tablets, Packaging (England)	125		
Pneumatic cushions for shockproof packing (Germany)	22		
Polyurethane foam	20		
Prefabricated foamed polystyrene end caps as in-carton cushioning for line of room air filters, Puritron Corp.	116		
Shippers with foam cushioning, New Industrial Products Corp.	180		
<b>D</b>			
<b>DAIRY EQUIPMENT</b>			
All-plastic milk package	101		
Amber glass for milk	224		
Amber milk bottle in Holland; failure	81		
Automatic imprinter for milk cartons, Adolf Gottschlo, Inc.	254		
Cheddar cheese package, The Borden Co.	148		
Lightweight one-trip glass bottle, Owens-Illinois Glass Co.	48		
Milk cartons, polyethylene coating	89		
Milk containers, switch from wax to polyethylene coating	41		
Paperboard-and-plastic bulk-milk container, Wevernaeuer Co., Plastics Dept.	53		
Polyethylene-coated 1/2-gal. paperboard milk cartons, American Can Co. and Sealright Co.	148		
<b>DAIRY PRODUCTS</b>			
All-plastic milk bottles may replace paper containers	41		
All-plastic milk container, Albert Mojonnier, Inc.	236		
Carton printing	91		
Convenience for dealers, too; small-innner cartons for cheese shippers for filling less-than-case orders, Kraft Foods Div., National Dairy Products Corp.	132		
Cottage cheese in pouch-pack portions, National Dairy Products' Sealtest Division	104		
Easy-handling half-gallon milk bottle, Thatcher Glass Co.	54		
Electronically controlled bulk filler for dairy products, Anderson Bros. Mfg. Co.	52		
Family look for milk, redesigned cartons, Roberts Dairy Co.	98		
Foil cups for candy and dairy products, Elko Alcoa Containers, Inc.	56		
Free-piston aerosol container	129		
Gastight plastic dairy cup for cheese, M. Maggio Co.	110		
Multipacks for condensed-milk cans, Germany	62		
Packaging in polymer-coated polyethylene	184		
Packaging of dried milk, Carnation Co.	93		
Plastic dairy container, Polar Container Corp.	144		
Polypropylene milk bottle	204		
Protective wrapper for butter, KVP Sutherland Paper Co.	158		
Qwip, aerosol whipped cream, Avoset Co.	90		
Re-use cottage-cheese container made of polystyrene, Kent Plastics Corp.	166		
Rouquefort in portion packs (France)	88		
Rotary cottage-cheese filler, Triangle Package Machinery Co.	48		
Tear-open aluminum can for cheese products, Kraft Foods	94		

	Month	Page		Month	Page
Dallas City Packing Co.			Margarine package, Corn Products Co.'s Best Foods Div. ....	January	84
Polyester hood-in bag cuts costs and promotes returns .....	October	127	Moisture control with corrugated board for packaging hydrangea plants, Joseph S. Merritt, Inc. ....	October	102
Danish Packaging Guide (Entdalige Arbejde) .....	November	81	Molded polystyrene bottle, Sarson, Ltd. ....	July	126
Daryl Industries			Multi-service portion packs .....	December	100
Engineered for new economy, all-corrugated shipping container for aluminum-and-glass sliding doors .....	November	128	Need of School of Design in Canada .....	February	59
Deceptive packaging .....	May	83	New day in hardware .....	February	83
Deceptive packaging, Senate hearing (ed.) .....	July	43	Package design research symposium of Package Designers Council .....	May	214
Deceptive packaging: "What is it? What's to be done?" MP special editorial report .....	August	87	Packaging à la carte, convenience foods in restaurant industry .....	March	83
Decimal packaging in hardware stores .....	August	107	Polyethylene jugs for bleaching compounds .....	January	96
DECORATIVE PACKAGING	February	175	Special can design .....	June	158
Decorative packaging papers; Embossograph Co., Inc. ....	April	234	Quip, aerosol whipped cream, Avonet Co. Redesigns: Bauer & Black (elastic goods) ....	January	80
Glass-decoration sample kit, Ceragraphic, Inc. ....	November	56	Bauer Chemical Co. ....	April	160
Stretchable-plastic banding loop, Chicago Printed String Co. ....	September	202	Butler Bros. ....	July	105
Delson Candy Co.	May	83	Campana Corp. (hand lotion package) ....	October	110
Deceptive packaging, F&DA case, (ed.) .....	September	124	Cooper's, Inc. ....	February	99
Dennison Mfg. Co.	September	124	Coty, Inc. ....	September	136
Heat-transfer printing, great packaging discovery. DEODORANTS	September	124	Domino sugar cartons .....	October	110
Adjustable-flow roll-on, liquid deodorant in glass bottle with polyethylene collar, Northam Warren. Mechanizing complex plastic package, Mennen Co.	April	165	Dow Corning Corp. (silicone specialties) ....	April	167
DEPARTMENT STORES	November	110	Heintz, H. J. Co. ....	September	106
Package planning needs .....	October	39	Kimberly-Clark ....	April	166
DeFree Co.	December	94	King Kup Candles, Inc. ....	July	98
Beribboned pre-wrap makes gift item of vitamins. DESIGN	September	124	Kraft Foods. ....	June	129
Baron package design, E. I. du Pont de Nemours & Co., Inc. ....	August	84	Lamb's, McNeil & Lamb. ....	June	114
Barton's Jewish packages .....	January	93	Peter Pan Foundations, Inc. ....	March	100
Bleach move to plastics, high-density polyethylene jugs for sodium hypochlorite. Blister cards and greetings, valentine assortment, American Paper Specialty Co. ....	January	96	Pharma Craft Laboratories .....	December	88
Blister economy, multiple-unit mold with removable cavities for supermarket vitamin line, White Shield Corp. ....	June	105	Porter Cable Machine Co. ....	December	84
Carton design developed through consumer research, Kimberly-Clark. ....	October	104	Robert, Dairy Co. ....	May	100
Carton that pours frozen foods, General Foods' Birds-Eye Div. ....	July	98	Sears, Roebuck & Co. (biscuits) ....	September	147
Chain-store showmanship, Glamour Jewelry Co. ....	March	83	Smith, V. R. Olive Co. ....	September	127
Cone top for pies, Rich's Pie Co. ....	February	116	Sun-Dew Corp. (soft drink containers) ....	February	94
Contourcut pour pouch, American Chemical Products, Inc. ....	September	149	Westinghouse light-bulb package .....	March	95
Convenience for dealers, too small-lot inner cartons for cheese shippers for filling less-than-case orders, Kraft Foods Div., National Dairy Products Corp. ....	March	83	Robert redesigns Vicks, pushbutton poll taken mounted on store shelves, Vick Chemical Co. ....	March	90
Convenience packing .....	November	93	Salad dressings in foil-laminated envelope, General Foods. ....	May	104
Deceptive packaging: "What is it? What's to be done?" MP special editorial report .....	August	107	Shifting trends in printing, cartoon printing, single-service cake packages, Drake Bakeries soft-drinks in private-mold bottles (West Africa), solutions for hobby market, Revell, Inc. ....	August	89
Design confirmed by research, Bauer & Black. ....	April	160	Shape of 1961. ....	November	108
Designed for the times, British grocers' alliance package .....	November	129	Special appeals, Barton's Jewish packages. ....	January	73
Dispenser packages (See Dispensers)	July	98	Sportek, Inc. fishing equipment in blister packages, colorful hang cards, display provoked by disk of polystyrene film, Horrocks-Whitton Co. ....	August	124
Economy in multicolor design with quality look, hair care products, L'Oréal of Paris. ....	May	98	Stripe toothpaste, See less story, Lever Brothers. ....	February	98
Eye test package. ....	April	141	Tall Story, cookie carton, Arnold Bakers. ....	February	101
Egg shell carton, KVP Sutherland Paper Co. ....	July	149	Supermarket package. ....	November	75
The eyes have it, visual testing device for seeing, Haags Pet Products Co. ....	October	153	Supermarket package for bras, Barbara Brent, Inc. Trend to more sophisticated design, exhibition at American Institute of Graphic Arts. ....	November	108
Familial relationships (See Package Families)	December	87	Trend to trays. ....	October	106
First aerosol, Avon Products, Inc. ....	February	88	Triumph in embossing. ....	September	101
First tree posture aerosol, Beaumont Products, Inc. ....	January	93	Versatile sell in corrugated, sleeve tray for hardware product, Faultless Castor Corp. ....	January	84
Five-year plan keeps pace with changing times, soap pads package, Brillo Mfg. Co., Inc. ....	August	107	What's the fuss? (ed.), Coordinate effort of designer, design laboratory and market tester. ....	August	111
Folding box flexibility, interchangeable labels for four plant models, Comet Model Honeycraft, Inc. ....	April	160	Who in your company is the final package decision maker? MP readers' opinions. ....	March	81
Footlong box winners for '61, creative, creative food for thought, treating packaging problems in a different way. ....	November	129	Window carton with a door, Paul Masson Vineyards. ....	October	73
Free-piston aerosol. ....	May	98	Winners in DuPont student project, candy package designs. ....	April	103
Gift combine in street film, Max Factor. ....	April	141	Winners in student design contest, St. Regis Paper Co. ....	July	207
Gift packages (See Gift Packaging)	July	149	Wrap-up for glass. ....	July	204
Hard-working graphics, package for home movie camera, Fairchild Camera & Instrument Corp. ....	October	153	Tear-off best in set-up boxes, National Paper Box Mfg. Assn.'s 11th annual competition. ....	April	126
Heat-transfer printing, great packaging discovery, Dennison Mfg. Co. ....	December	87	Detergents (See Soaps and Cleansers)	June	126
High-speed stretch-film card pack, simplified skin packaging, Northam Warren Corp. and others. How should a package designer be selected? MP readers' opinions. ....	September	128	DIE CUTTING		
Improved egg shell carton, W. W. Wilson. ....	August	63	Die-cutting and creasing press, Thompson-National Press Co. ....	April	248
Industrial shelf appeal, carton revision, Fatbar Hearing Co. ....	June	148	Die-cutting machine, United States Machinery Corp. ....	November	46
Instant-coffee 'carafe', Butter-Nut Foods. ....	June	102	Discount stores, packaging for. ....	date	46
Is mass production costing packages their individuality? MP readers' opinions. ....	October	111	Disks, protective, for cosmetic jars, House Plastic's Corp. ....	November	170
Liquor containers. ....	July	61	DISPENSERS		
Low-cost polystyrene jar for cream hair dressing, Keystone Laboratories. ....	December	100	(See also Applicators)		
September	122	4 oz. liquid dispenser carton for household aluminum foil with built-in cutting edge, Tidy House Corp. ....	May	125	
		Free-piston aerosol. ....	August	129	
		Measuring re-use can on the detergent bottle, Procter & Gamble. ....	December	93	
		Packaging devices. ....	November	146	
		Paper-plastic sample dispenser, Beechway, Inc. ....	October	150	
		Perforated carton converts to display unit or dispenser, Legash Products Co. ....	September	143	
		Self-locking capsule dispensers, Weil on, Day, Weber Art Craft Corp. ....	October	90	
		Lage (See Tape and Tape Dispensers)			
		(See also Counter, Floor Display)			
		Cartoning for display. ....	February	128	
		Hang-up plug closure for tubular container, Century Drill & Tool Co. ....	October	137	

	Month	Page		Month	Page
<b>Hardware</b>			<b>Winners in du Pont student project; candy-package designs</b>		
Home movie camera (counter, window, outpost); Fairchild Camera & Instrument Corp.	February	87	Duro Co.	July	207
Mass impact; dramatic displays, Stroh Brewery Co.	September	130	Safe shipper at 36% less, corrugated shipping container for motorized water pumping and filtering system	May	125
Perforated carton converts to display unit or dispenser, Regush Products Co.	May	217			
Distillers Co., Ltd.	September	113			
Vial labeling machine studies by camera, J. A. Cairns and J. Salisbury	April	205	<b>DUST COLLECTORS</b>	March	118
			Carton cleaner, toothbrush packages, Lactona, Inc.		
<b>DOG AND CAT FOODS</b>					
Packaged pet-food market	March	39			
Domino sugar cartons, redesigns, Donner Scientific Co.	April	167			
Low-cost blend of old and new, corrugated board and polyurethane foam for protection of electronic instruments	November	129	<b>E</b>		
Dow Corning Corp.	September	106	Eastman Chemical Products		
Cleaning up a backlog, silicone specialties redesign	May	96	Booklet: Packaging -- Last Step in Manufacture, First Step in Sales	May	180
DownyFlake Foods	November	108	Egg packaging (See Food Packaging)		
Multy-cavity foil pan for frozen, ready-to-bake muffins	April	164			
Drake Bakeries	July	43	<b>ELASTIC GOODS</b>		
Impulse appeal to single-service cakes	December	94	Design confirmed by research, Bauer & Black, Eldon Industries	April	160
Drinking cups (See Paper and Plastic Cups)	October	104	New visual appeal achieved at lower material cost, toy building bricks	August	122
	July	174	Sound merchandising, girls' audiile toys	July	99
<b>DRUGS AND CHEMICALS</b>					
All-plastic carton for chemicals, Plastineers, Inc.	March	42	<b>ELECTRIC APPARATUS AND APPLIANCES</b>		
Berghofen pre-wrap makes gift item of vitamins, DePree Co.	December	116	Criteria for electrical goods packaging, The Netherlands	May	71
Buster economy, vitamin products, White Shield Corp.	October	104	Electrical standards for machinery	July	204
Booklet: Guide to Household Poisons Law, Food & Drug Administration	July	164	Electrical treatment for plastic printing, The Lectro-Treat Co.	May	164
Booklet: 26th Annual Review of Retail Drug and Proprietary Store Trends, A.C. Neilson Co.	December	94	In-plant maintenance problems, W. A. Johnson (General Electric Co.)	April	104
Childproof closure, aspirin made safe from nuts, Howe & Co.	July	105	More upgrading in field of light-bulb packaging, Westinghouse	March	95
Containers that screen ultra-violet rays	September	109	One carton for electric frying pan replaces two, at 41% saving, Landers, Frary & Clark	April	197
Contoured pour pouch for weed killer, American Chemical Products, Inc.	March	224	Polystyrene-foam-and-paper shipper saves 80%, Westinghouse Electric Corp.	December	113
Disappearing drug store, competitive grocery chains	March	105	Triple-service shipper for aluminum and brass light-bulb bases, savings in over-all packaging costs, Westinghouse Lamp Div.	July	125
Drug and pharmaceutical seminar, Packaging Institute	December	116			
Drug department glamour, oral antiseptic in glass decanter, Johnson & Johnson	October	104	<b>ELECTRONIC EQUIPMENT AND SUPPLIES</b>		
Dual design for household chemicals, Boyer Chemical Co.	July	43	Advantages of foil container for convenience foods exploited with electronic cooking	June	44
Family look, "how-to" drawings upgrade medicine line, Pharma Craft Laboratories	December	94	Better adhesion to polyethylene, electronic bombardment of surfaces, International Eastern Co.	December	108
Free piston aerosol container	July	105	Conveyor carton selector, Atronic Products, Inc.	May	50
Getting the most out of AMA National Packaging Show, C. W. Sturberg, Jr. (Warner-Lambert Pharmaceutical Co.)	December	94	Double-duty molded-pulp cushioning tray cuts costs 20%, Transistor Electronic Corp.	September	126
Handy pain extinguisher in polyethylene squeeze bottle, Norwich Pharmacal Co.	August	105	Electronic check weigher (German)	November	82
Labeling extension, prescription drugs	January	96	Electronic equipment for lease, Radio Corp. of America	October	180
Laboratory for pharmaceutical aerosols, Rutgers University	March	95	Electronic selector/counter, Atronic Products, Inc.	December	52
Lally moves to plastics; polyethylene bottles for ethical pharmaceuticals, Eli Lilly & Co.	August	102	GE enters hobby market, educational electronic science kits	April	164
Low-cost packaging line, Physicians Products, Inc.	February	90	Low-cost blend of old and new, corrugated board and polyurethane foam for protection of electronic instruments, Donner Scientific Co.	November	129
Mechanizing liquid-filled carton, Process Solvent Co., Inc.	June	96	Low-cost electronic heat sealer, Sealomatic Electronics Corp.	May	168
Nasal and throat spray packages; synchronous line for Lambert Budnut Mfg. Laboratories	February	110	Paperboard-plastic folder prevents loss of tiny parts, General Electric Co.	January	89
One line for two problem bottles, Herbert J. Oglefay (Abbott Laboratories)	March	96	Payout in overhead, vertical cases sealers and overhead conveyors in canning plant, electronic system feeds cases to palletizers, Libby McNeill & Libby	July	119
Oral spray bottle with built-in direction control for antibacterial oral breath freshener	April	107	Shipper for electronic consoles	August	144
Packaging for 1961	January	99	Tubes, polyurethane foam cushioning, RCM	October	205
Pharmaceutical strip packaging, Nyco Laboratories, Inc.	August	166	Ultrasonic S for control	May	142
Polyamide gaskets for ether packaging France	March	71	"Electrostatic" processes	July	46
Polyethylene jug saves 25% container for liquid fungicide solution, Onyx, Inc.	July	124			
Prescription packages, FDA requirements	May	39	<b>EMBOSSING</b>		
Rain loading of divider cartons, Buttrups Wellcome & Co., Inc.	June	122	Embossing facilities offered, affiliation with Keller-Dorian Gravure, of Lyon, France, Pamarco, Inc.	September	108
Robot redesigns Vicks' pushbutton poll taker mounted on store shelves	March	90	Foil embossing on PVC sheeting by radio frequency, development by English firm	January	62
Stand-up-hang blister pack for an acne medication, Helene Curtis	April	166	Hand-operated embossing tool, Dymo Industries, Inc.	April	256
Standardization for immediate and long-range economies, ethical pharmaceuticals, Charles Pfizer & Co., Inc.	May	124	Triumph in embossing, margarine package of Corn Product Co.'s Best Foods Div.	January	84
Temperature-control packaging	August	144	Empire Brushes, Inc.		
Drum packaging, H. L. Stoker Co.	February	150	Seater look at 20% less, machine instead of hand-operated staplers	January	103
<b>DRUMS</b>			<b>ENGINEERING</b>		
Film resins for drum liner use, Spencer Chemical Co.	September	188	A tie-up on machinery standards (ed.)	July	87
Steel shipping drums, Skidmark Drum Co.	April	232	Aligned by magnetism, arranging and loading metal objects	April	168
Dry-cleaning compounds (See Soaps and Cleaners)	December	96	Automatic inserter of point-of-purchase cards and product literature in shipping cases, Preston Div., of Union Carbide Co.	December	110
Dulay Fonts, Inc.	March	123	Automation justifies a package, filler and lifter for foil container of garden seeds imbedded in vermiculite, Benton-Kirby, Inc.	June	114
Frozen-food single-wall	April	265	Barrier bag formed and filled, First National Stores	May	122
du Pont de Nemours, E. I. & Co.			Blister-carded greetings, versatility of blister-forming machine, American Paper Specialty Co.	June	103
New stress flex tester, Herbert C. Horst and Hubert E. Martin					
Sponsorship of candy industry design project					

Month	Page	Month	Page
Blister economy: multiple-unit mold with removable cavities for supermarket vitamin line; White Shield Corp. ....			
Bottling whiskey 50% faster; Joseph E. Seagram & Sons, Inc. ....			
Brick packaging mechanized; Robinson Brick & Tile Co. ....			
Cartoning for economy; locking carton for inked machine ribbons; Burroughs Corp. ....			
Diagonally slotted containers; John O. Younger ...			
Electric standards for machinery sought; Packaging Industry Subcommittee of American Institute of Electrical Engineers ....			
Faster form-fill-seal; Seabrook Farms ....			
Faster speed for packaging; form-fill-seal machinery for salt and pepper packaging; International Salt Co. ....			
First free-piston aerosol; Beacham Products, Inc. ....			
Free-piston aerosol; H. T. Hoffman, Jr., and Nicholas Marchak ....			
Frozen-food single wall, wrapless, waxed carton pre-printed with hot melt adhesive; Dunlay Foods, Inc. ....			
Gastight coffee carton; QB Hakon Swenson ....			
Gastight plastic dairy cup for cheese; M. Maggio Co. ....			
Heat-transfer printing; great packaging discovery; Dennisin Mfg. Co. ....			
High speed stretch-film card packs; simplified skin packaging; Northam Warren Corp. and others ...			
How GM uses blister packs ....			
Improved egg-cell carton at KVP Sutherland Paper Co.; W. E. Wilson ....			
In what ways can a packager be helpful to his supplier in development of new packaging machinery? MP readers' opinions ....			
Instant package testing; R. T. French Co. ....			
Lightweight-gelophane wraps; Zaffer's Bakery ....			
Lilly moves to plastics; Polyethylene bottles for ethical pharmaceuticals; Eli Lilly & Co. ....			
Look-tab tray; great packaging discovery ....			
Low-cost packaging line; Physicians Products Co. ....			
Low-cost polystyrene jar for cream hair dressing; Keystone Laboratories ....			
Margarine in PVC; Unilever ....			
Mechanizing a complex plastic package; screen-feed stick deodorant; Mennen Co. ....			
Mechanizing a liquid-filled carton; Process Solvent Co., Inc. ....			
Multi-cavity foil pan; deep-drawn bake-in-tray for frozen muffins; Downyflake Foods ....			
New progress in pouching; Skinner Mfg. Co. ....			
New speed for big bottles; vacuum filling; Clorox Co. (bleach manufacturer) ....			
One line for two problem bottles; Abbott Laboratories; Herbert J. Ogleby ....			
Payoff in overhead, vertical case sealers and overhead conveyors in canning plant; electronic-system feeds; cases to palletizers; Libby, M. Neill & Libby ....			
Pleated shipper; Helene Curtis ....			
Pouching 46,000 Bank parts ....			
Precision roll labeling; web-fed machine; William S. Merrell Co., Div. Richardson-Merrell, Inc. ....			
Quick-change labeling of film bags; Acme-McCrory Corp. ....			
Rim loading of divided cartons; Burroughs Wellcome & Co., Inc. ....			
Roll-fed cigarette cap; R. J. Reynolds ....			
Sanka's big sampling; pouch packages of coffee for binding into pages of two mass-circulation magazines; General Foods ....			
Shifting trends in printing; carton printing ....			
Shrink; new dimension in films ....			
Stripe toothpaste; success story; Lever Brothers, Synchronous line for plastic bottles; Charles J. Roger ....			
Ultrasonic sealing of foil; John H. Alden ....			
Ultronics; When? Efforts of electronics engineers to make this method of sealing foils and films available to packagers ....			
<b>ENVELOPES, PACKETS, POUCHES</b> (See also Pouch-Packaging)			
Boilable film pouches applied to raw or uncooked frozen foods ....			
Contoured pour pouch for weed killer; American Chemical Products, Inc. ....			
Cottage cheese in pouch-pack portions; National Dairy Products' Sealtest Division ....			
Freeze-dried foods in flexible-film pouch; England Laminated envelopes for Good Seasons salad-dressing mix; General Foods ....			
Pouch sealing ....			
Product plus liquid in film pouch; Packaging Service, Inc. ....			
Sanka's big sampling through magazine pages; flexible pouch; General Foods ....			
Tide (detergent) water-soluble pouches; Procter & Gamble ....			
Unit packets at 50% savings; miniature glass bottles replaced by pouches; J. R. Watkins Co. ....			
Water-soluble film for pouch packaging ....			
European packaging; trends ....			
Eurostar awards ....			
Excise-stamp applicator; Phin Sales Co. ....			
<b>EXHIBITIONS</b> (See also National Packaging Exposition and Conference)			
American Institute of Graphic Arts ....			
Autopac ....			
Canadian Packaging Show ....			
Exhibition in Barcelona ....			
French Packaging Exposition ....			
Hardware exposition ....			
International Fair at Thessaloniki ....			
International Packaging Exhibition; Amsterdam ....			
International Packaging Exposition, London ....			
Machinery Show; Packaging Machinery Mfrs. Institute ....			
National packaging competition in Japan; visitors judge contest in Osaka ....			
National Plastics Exposition; news report on packaging highlights ....			
Packaging exhibition in Tel Aviv ....			
Salon International de l'Emballage (14th); packaging machinery section (Autopac) ....			
Western Packaging & Materials Handling Exposition ....			
Winners in first Irish packaging competition ....			
<b>EXPORT PACKAGING</b>			
Export markets from Suez to Japan; J. McCullough (Kraft Foods, Ltd., Australia) ....			
Five-layer export pack for paint; England ....			
Labeling; exports from Italy to Germany ....			
Machinery parts, Germany ....			
Packaging British or American products for selling in France ....			
Exports; sales of packaged goods ....			
Exports; imports up ....			
<b>EXPORTS</b>			
Overseas transport of dangerous articles; advisory council in Hamburg (Germany) ....			
Points to remember for export; John Castle (England) ....			
<b>EXTRUDERS</b>			
Extruders for big-volume users; Modern Plastic Machinery Corp. ....			
Pilot extruder for polyethylene coatings; American Sisal Kraft Co. ....			
<b>EXTRUSION</b>			
Aluminum-can extrusion machine; Versen Allsteel Press Co. ....			
Durable high-density polyethylene suitable for extruded pipe; Goodyear-Gulf Chemicals, Inc. ....			
Extrusion-coating development in Canada ....			
Extrusion-coating on the rise ....			
Extrusion press makes aluminum cans; The National Machine Co. ....			
Film-grade polyethylene resin; Koppers Co., Inc. ....			
High-density polyethylene extrusion-coating resin; Phillips Chemical Co. ....			
High-density polyethylene resins for; Dow Chemical Co. ....			
Line of thermoplastics extruders; National Rubber Machinery Co. ....			
Molding and extrusion plastics; Styrene-based; Monsanto Chemical Co. ....			
Plastic cups straight from extruder; Reifenhauser U.S. Sales Corp. ....			
Polyethylene extruder-coater; The Marvellous Co. ....			
Polyethylene extrusion coating ....			
Standards for extrusion coatings; Benjamin Lechner and Wm. S. Bunte ....			
TR-101 (special polyethylene resin) ....			
<b>F</b>			
Fabrics (See Textile Products)			
Facial Tissues (See Cleaning Tissues)			
Factor, Max			
Gift combos in stretch films ....			
Fafnir Bearing Co.			
Industrial shelf appeal; cartons for ball bearings; Fairchild Camera & Instrument Corp. ....			
Hard-working graphics; package for home movie camera ....			
Falcon Mfg. Co.			
Tear-tape shipper cuts damage claims 30% ....			
Families of packages (See Package Families)			
Faultless Caster Corp.			
Versatile sell in corrugated; sleeved tray for hardware product ....			
<b>FEEDERS</b>			
Gentle-action parts feeder; Avidin Automation, Inc. ....			
Rotary feeder for use with plastic netting; produce packaging by English firm ....			
Selective container feeder; Island Equipment Co. ....			

Month	Page	Month	Page
FERTILIZERS			
Unit for channeling six packs; Hi-Speed Check-weigher Co., . . . . .	176	Flexible materials, research proposal at Michigan State . . . . .	200
Ferry Morse Seed Co., . . . . .		Flexible Packaging	
Multiwall paper bags for seeds . . . . .		Annual meeting of National Flexible Packaging Assn. Consumer Package in 1961; Shy Rosen (Milprint, Inc.), . . . . .	223
FIBRE CONTAINERS			
(See also Shipping Containers)		Flexible packaging and plastics seminar; Packaging Institute . . . . .	182
Aligned by magnetism, nails in special corrugated box; U. S. Steel's American Steel & Wire Div., . . . . .		NFPA Conference . . . . .	176
Demand for P. W. Hoguet (Econometric Institute) foil-lined fibre can; R. C. Can Co., . . . . .		National Flexible Packaging Assn.; award winners New stress-flex tester (du Pont). Herbert C. Horst and Robert E. Martin . . . . .	185
Hexagonal corrugated container for modular arrangement of 4-sided, tetrahedron-shaped paper containers, Austria . . . . .		Statistics for 1959; U. S. Bureau of the Census . . . . .	161
Reinforced strip adds carton strength; Olin Mathieson Chemical Corp., . . . . .		Flexographic Technical Assn. Awards in annual competition . . . . .	123
Preprinted linerboard for corrugated cases; St. Regis Paper Co., . . . . .		Flexography (See Printing)	184
Rule 41 of Uniform Freight Classification . . . . .		Flip lid with header, plant-food package, The American Agricultural Chemical Co., . . . . .	194
Fill control with beta or gamma rays (France). . . . .			January 104
FILLING MACHINES AND EQUIPMENT			
Adjustment of fill height of bottles without stopping machine; Joseph E. Seagram & Sons . . . . .	100	FLOOR DISPLAYS	
Aerosol filling (See Aerosols)		Child-height display stand for drinking cups; Arrow Houseware Products . . . . .	100
Air-powered inflammable-liquid filler; National Instrument Co., Inc., . . . . .		Giant replica of flip top box for chocolate; Nestle Co., (England), . . . . .	62
Automation justifies a package, filler and lifter for foil container of garden seeds imbedded in vermiculite; Benton Kirby, Inc., . . . . .		Flowers sold in vending machines; carrier developed in Germany; Plastic (See Plastics)	61
Automation speeds line 140%; rotary filler for powdered dental cleanser; Block Drug Co., . . . . .			
Bulk filling equipment, air-pressure packer; H. L. Stoker Co., . . . . .		<b>FOIL</b>	
Ceiling-mounted filling machine to fill powders and granulates into sacks and bags (Scotland), . . . . .		All-board dispenser carton for household aluminum foil has built-in cutting edge; Tidy House Corp., . . . . .	125
Electronically controlled bulk filler for dairy products; Anderson Bros. Mfg. Co., . . . . .		Aluminum-foil baked goods pans; polyethylene cover and machine for applying; The Cryovac Co., . . . . .	252
Fast fill-height inspector; X-Ray Dept. of General Electric . . . . .		Aluminum-foil containers in vending-machine sale of hot foods . . . . .	46
Filler for flat oval bottles; Elgin Mfg. Co., . . . . .		Aluminum foil containers, sales . . . . .	162
Filling machine constructed of PVC; Australia Food and dairy filling machine; Multi-fill Machine Co., . . . . .		Aluminum foil exports and imports . . . . .	239
Four-cylinder filler for liquids . . . . .		Aluminum foil for flowers and produce, Fisher's Fols. Ltd., (England), . . . . .	76
Frozen-food filling unit; Anderson Bros. Mfg. Co., . . . . .		Aluminum foil laminations; standards detailed in booklet of Laminated Foil Mfrs. Assn., . . . . .	150
Improvements in rotary filling, The Kartridg Pak Co., . . . . .		Automation justifies a package, filler and lifter for garden seeds imbedded in vermiculite provides economies for foil planter; Benton Kirby, Inc., . . . . .	
Line for a giant carton, detergent package; Lever Bros., . . . . .		Cone top for pies; aluminum foil package; Rich Pie Co., . . . . .	114
Mechanizing liquid-fill carton; Process Solvent Co., Inc., . . . . .		Cups for candy and dairy products; Elco-Alcoa Containers, Inc., . . . . .	140
Molten deodorant filling; Memen Co., . . . . .		Foil container with shrink-film cover; Elco-Alcoa Containers, Inc., . . . . .	56
Multiwall valve bag packer; St. Regis Paper Co., . . . . .		Foil embossing on PVC sheeting by radio frequency development by English firm . . . . .	72
New filling line equipment, automatic rotary filler and automatic container feeder; MRM Co., Inc., . . . . .		Foil glamorizes the potato; Arrow Packing Co., . . . . .	62
New speed for big bottles; vacuum filling; Clorox Co., (bleach manufacturer), . . . . .		Foil glamorizes quality, green beans in foil carton with gravure-printed overwrap; General Foods' Birds Eye Div., . . . . .	99
Popped corn package filler; Karsfrom Co., . . . . .		Laminated foil label stock; Coated Products, Inc., . . . . .	113
Pouch-packaging; Bartlett Engineering Co., . . . . .		Market for foil scrap . . . . .	162
Rotary cottage-cheese filler; Triangle Package Machinery Co., . . . . .		Multi-cavity aluminum foil pan for frozen ready-to-bake muffins; Downyflake Foods, . . . . .	42
16-station rotary filler; Arthur Colton Co., Div. Snyder Corp., . . . . .		Printed flock on aluminum foil; Packaging News (England), . . . . .	96
16-station rotary piston filler for liquids; The Pfauder Co., . . . . .		Production and use 1914 to date . . . . .	126
Twin-head liquid filling machine; Kahleberg Globe Equipment Co., . . . . .		Reclamation of aluminum foil scrap, U. S. By-Products Corp., . . . . .	232
Twin-head pint-to-gallon filler; Elgin Mfg. Co., . . . . .		Spiral-wound foil-fibre can; Anaconda Aluminum Co., . . . . .	144
Variable-speed counter and filler for small parts; Fairchild's, Inc., . . . . .		Template foil . . . . .	254
Viscous-product cartridge filler; The Filler Machine Co., . . . . .		Ultrasonic sealing . . . . .	42
Film and foil seminar sponsored by American Management Assn., . . . . .		Ultrasonic sealing of aluminum foil; John H. Alden Use in field of boil-in-bag packaging . . . . .	100
Film packages, "tubefless" forming of; General Packaging Equipment Co., . . . . .			129
FILMS FOR PACKAGING			
(See also specific subject)			February 42
Growth by 1965; outlook of Reynolds Metals Co., . . . . .		FOLDING BOXES AND DISPLAY CARTONS	
Heat tunnel for shrinking film; Cleveland-Detroit Corp., . . . . .		Carry-pack handles to encourage take-home; Japan Carton for bulky frozen foods; Western Oxide Div., Crown Zellerbach Corp., . . . . .	72
Nomograph for yield values; A. D. Galbraith . . . . .		Cartoning for economy; inked machine ribbons in locking carton; Burroughs Corp., . . . . .	56
Shrink-type films . . . . .		Convenience for dealer, too; small-lot inner cartons for cheese shippers for filling less-than-case orders; Kraft Foods Div., National Dairy Products Corp., . . . . .	90
Water-soluble film; Visking Co., . . . . .		Convenient ice cream carton; Container Corp. of America, . . . . .	132
First National Stores		Corrugated folding carton with semi-rigid polyethylene liner; acid container; Process Solvent Co., Inc., . . . . .	158
Barrier bag for pre-ground coffee formed and filled		Discussion at Plastic Institute forums . . . . .	136
FISH			
Flexible pack (nylon) to replace sardine tins? Vision (British Cellophane publication) . . . . .		Easy-open ice-cream carton; American Can Co., Marathon Div., . . . . .	212
FISHING TACKLE			
Sporttackle; fishing equipment in blister packages; colorful hang cards; display provided by disk of polystyrene foam; Horrocks-Ibbotson Co., . . . . .		Family look for milk; redesigned cartons; Roberts Dairy Co., . . . . .	44
		Folding-box flexibility; 3-piece window carton for model planes (toys); Comet Model Hobbycraft, Inc., . . . . .	98
		Folding-box for merchandising knives, forks and spoons, in half dozens of each; Austria . . . . .	120
		Frozen-food single wall, wrapperless, waxed carton, pre-printed with hot-melt adhesive; Dunlap Foods, Inc., . . . . .	72
		Futuristic product dramatized in corrugated; North Electric Co., . . . . .	96
			November 109

Month	Page	Month	Page
Heat-seal cartons of rigid construction:		Cookie dough in convenient polyethylene squeeze tube; Cookietime Products	94
Emballages (France).....	126	Cost distribution (containers), 1959	83
Improved egg shell carton, W. W. Wilson.....	148	Crystal-clear clinging PVC for in-store packaging of produce, poultry, meat and cheese; Reynolds	46
Improved single-structure carton, R. J. Hinckin and J. J. Higgins.....	143	Metals Co.	76
Industrial shelf appeal, cartons for ball bearings, Fastrar Bearing Co.	102	Danish food fair features packaging	89
Line for giant carton, Lever Bros., detergent.....	106	Dehydration comes back	
Molded polyethylene beverage cases (returnable); Union Carbide Plastics Co.	50	Designed for the times, British grocers' alliance packages	123
Packaging system for one-way containers, Olin Matheson Chemical Corp.	162	Egg-carton overwrapper; Hayssen Mfg. Co.	44
Perforated carton converts to display unit or dispenser; Regus Products Co.	165	Egg cartons, wrapping in heat-sealed cellophane, Egg-handling and packaging system, Food Machinery & Chemical Corp.	42
Plastic-coated juice carton, Minute Maid Co.	52	F&DA approved paper coating, Dow Corning Corp.	164
Reclosing folding cartons, Federal Paper Board Co.	113	Food packaging seminar, Packaging Institute	188
Separator flat for egg cartons, Packaging Corp. of America.....	102	Food wrapper retards spoilage, Paterson	176
Soft-preventive carton.....	113	Parchment Paper Co.	54
Soap in window cartons, Sales Appeal (England).....	146	Foods in polyamide film bags for Chilean explorers	72
Stretch film in combination seal carton, Prince Matchabelli, Inc.	126	Foodstuffs packaging in Japan	81
Tall story, cookie carton, Arnold Bakers.....	126	Free-piston aerosol container	129,209
12-bottle carry-home carton, Bertran Wire Products, Inc.	101	Freeze drying (accelerated freeze drying-AFD) demands new packaging concept, tests at Aberdeen Gas for food aerosols	81
Volume and tonnage of shipments.....	112	Heat-and-eat.....	195
Wax-laminated carton for cereal, General Foods Corp., Walter C. Utschig.....	126	Heat-in-pouch feeds, publicity program of Modern Foods Council	196
Wrapsleks, easy-open frozen-food container; Container Corp. of America.....	140	High-gloss waxed bags for food items, Arkell & Smith	42
Folding-filer Box Assn. of America.....	192	How should a package designer be selected; Grant Horsey (Salada-Shirriff-Horsey, Ltd.)	52
Annual meeting, summary of remarks.....	206	Improved egg-cell carton, W. W. Wilson.....	63
Folding-box winners for '61.....	173	Instant package testing, in-plant laboratories, R. T. French Co.	148
<b>FOOD ADDITIVES AMENDMENT TO FOOD &amp; DRUG LAW</b>	88	Labels adhere at low temperature, Fasson Products	112
Additives enforcement extended to 1964	210	Lightweight glass jar for pickle-packing, Armstrong Cork Co.	56
Booklets re coloring ingredient and Hazardous Substance Labeling Act; Commerce Clearing House, Inc.	39	Lubricant for dies used in making cans for food packaging	158
Can coatings.....	44	Multi-service portion packs, Irma, Ltd. (Denmark)	42
Color Additives Amendment.....	44	Package copy on back and side panels	100
Complaints from inadequacy of petitions.....	44	Package design maker, A. H. Cummings (College Inn Food Products Corp.)	143
Deadline for clearances for food additives.....	591	Packaging a la carte, market for packaged convenience foods in restaurant industry	73
FADA clearances; polyethylene and cellophane	205	Packaging complaints, How handled, R. A. LaMantis (Van Melt, Inc.)	83
FADA extensions.....	239	Packaging complaints, Box handled, J. E. Thompson (The Nestle Co., Inc.)	64
Federal enforcement, seizure of E. R. Squibb packages.....	39	Packaging colors conference in London	64
Food additives: full stop ahead.....	42	Paperboard to comply with F&DA requirements, Parchment paper, Paterson	85
Food additives petitions, effect of.....	42	Pickle jars in cellophane multipacks, Merhandising Vision (England)	42
Food-grade polypropylene meeting F&DA regulations; Avi-Sun Corp.	58	Plastic Food Container Assn., Objectives of	123
Food law seeks an "open end"	89	Polyethylene wraps	195
Food law under moratorium.....	150	Polyethylene-extrusion-coated cartons	41
How to proceed under the Food Additives Amendment (Booklet), Manufacturing Chemists Assn., Proposal for standard extraction tests acceptable to F&DA.....	204	Polymerized cellophanes for foods and non-foods, Olin Matheson Chemical Corp.	90
Society of Plastic Industry lists plastics cleared by F&DA.....	42	Polymerized cellophanes for foods with high shortening content, Olin Matheson Chemical Corp.	46
Food Additives—What They Are/How They Are Used; booklet of Manufacturing Chemists Assn.	262	Polypropylene film, applications of	74
Food & Color Additives Directory, Information for Industry and Hazleton Laboratories.....	384	Potato chips in polymer-coated polyethylene	133
<b>FOOD PACKAGING</b>	56	Pre-packaged foods, weight-and-measure checking	144
(See also Dairy Products, Fish, Grocers, Ice Cream, Margarine, Markets, Meat, Poultry)	127	Preserved food in plastic bags, French tests	42
Antioxidant cellophane (restricting development of oxidant rancidity in high-oil-content foods), R. Henderson, G. A. Wallace and R. H. M. Kilpin (Olin Matheson Chemical Corp.)	56	Problems of freeze-dried food, Irish Sugar Co.	85
Automatic cellophane bag, Continental Can Co., Flexible Packaging Div.	56	Quality control for plastic food containers	40
Bake-in-tray muffin contained (multi-cavity foil pan), Downyflake Foods	56	Redesigns for tray stacking, labels and shipping containers, Libby, M. Neill & Libby	100
Baked ice foods in foil	56	Saran-coated polyethylene for food packaging	100
Ballooning packaging	56	Plastidone Corp.	48
Bowl-in-bag—plus carton, Krapak Products Co.	56	Separator flat for egg cartons, Packaging Corp. of America	50
Bowl-in-bag, Modern Foods Council	56	Spaghetti and macaroni sticks, new progress in pouching, Skinner Mfg. Co.	128
Bowl-in-bag package, use of foil	56	Status of food aerosols, W. Earl Graham	121
Bowl-in-bag (polyester) costs and product returns, Dallas City Packing Co.	56	"Table-ready" packages	196
Bowl-in-bag pouches for restaurants, du Pont estimates	56	Throughaway in bulk, returnable can for potato chips switched to disposable polyethylene-bag-in-carton, 100% sales increase, Kuehmann Foods, Inc.	130
Bowl-in-bag promotion, Modern Foods Council	56	Tray shippers, Jockey Tea Co.	102
Book, Radiation Technology in Food, Agriculture and Biology, N. W. Desrosiers and H. M. Rosenstock	56	Tray stocking for margarine, Miami Margarine Co.	104
Built-in inconvenience test	56	Vending machine packages for hot foods	46
Canadian seminar on U. S. Additives Amendment	56	Why not more foods in tubes?	72
Cellophane wrapping for eggs	56	<b>Bakery Products</b>	
Clearance of polyethylene for food packaging	56	Bake-in-tray package, The Kroger Co.	112
Colored polyethylene in contact with foods (Germany)	56	Bread baked in cellophane film, German bakeries	96
Complete meals from vending machines (England)	56	Bread-wrap imprinting attachment, Adolph Gottsche, Inc.	158
Convenience foods	56	Cone top for pies, aluminum foil package, Rich Pie Co.	140
Convenience foods, leaders in grocery-sales expansion	56	Corrugated baked-goods box, Sherman Paper Products Co.	143
Convenience packaging	56	Crump-free cookie and cracker packaging	14
Convenience products	56	Mercury Heat sealing Equipment Co.	10
	56	End label adheres at low heat, bread wrapper sealing, Crown Zellerbach Corp., Western Waide Div.	14

Month	Page	Month	Page																																																																																																																																																				
End label heat-sealing coating for bread wrappers; American Can Co., Marathon Div.																																																																																																																																																							
Foil-lined cake tray; American Can Co., Marathon Div.	44	Frozen dinners that can be taken home hot; Home Chef, Inc.	42																																																																																																																																																				
Impulse appeal to single-service cakes; Drake Bakeries	148	Frozen-food carton improvement; Crown Zellerbach Corp., Western-Waxide Div.	48																																																																																																																																																				
In-plant maintenance problems; H. E. Hildebrand, Jr. (Continental Baking Co.)	108	Frozen-food filling unit; Anderson Bros. Mfg. Co.	44																																																																																																																																																				
Lightweight cellophane wraps; Zaffera's Bakery	104	Frozen-food single wall; Dulany Foods, Inc.	96																																																																																																																																																				
Locked-tab tray packages	97	Frozen foods in Germany	62																																																																																																																																																				
On-the-run imprinting keeps costs down; Chimes Cake Co.	103	Frozen vegetables in institutional cold	44																																																																																																																																																				
Overwrapped trays for cookies; Schulz & Burch Biscuit Co.	127	High-impact polyethylene film used in free-flowing frozen-food operations; Crown Zellerbach Corp., Western-Waxide Div.	166																																																																																																																																																				
PVC trays for cookies	102	Lock-tail tray packages	193																																																																																																																																																				
Placement of corrugated dividers in cookie cartons; Peters Machinery Co.	100	Metal-end freezer box of corrugated tubing; Owens-Illinois Glass Co., Paper Products Div.	56																																																																																																																																																				
Polyethylene coated trays	158	New strength in polystyrene (medium-impact) containers for frozen and refrigerated foods; J. R. Wilkinson	119																																																																																																																																																				
Polyethylene film as bread wrap	89	Parade of pouches, former-filler-sealing machines for packaging frozen pastry; Pepperidge Farms	126																																																																																																																																																				
Polyethylene film for bakery wrapping; Baldridge Bakery, Inc.	42	Plastic pack for frozen foods	134																																																																																																																																																				
Polyethylene-wrapped bread (England)	44	Plastic trays resist heat or cold; suitable for frozen food packaging; Havex Industries	50																																																																																																																																																				
Polypropylene bread wrap; Ward Baking Co.	88	Polyester boil-in-bag cuts costs and product returns	127																																																																																																																																																				
Portable, automatic cartoner; Integral Packaging Co.	109	Polyester for frozen-food packaging; Acme Baking Corp.	176																																																																																																																																																				
Shrink film and packaging machine; polyethylene cover for aluminum foil baked goods pans and conveyorized machine that applies cover tightly; The Cryovac Co.	190	Polyethylene-coated containers for frozen fruits; Crown Zellerbach	90																																																																																																																																																				
Sliced bread in polyethylene bags	252	Product-processing methods	81																																																																																																																																																				
Tall story, cookie carton; Arnold Bakers	39	Requirements of frozen foods; effects of packaging materials on palatability of products; J. D. Winter and Shirley R. Trantantella	136																																																																																																																																																				
Test marketing of new package; J. W. Williamson (Duquesne Baking Co., Inc.)	101	Shipping and handling practices; quality control measures	42																																																																																																																																																				
Tea crumpets -- 1960 style	69	Thermoformed plastic packages	76																																																																																																																																																				
Thermoplastic bread wraps	70	Tray stacking in supermarkets	249																																																																																																																																																				
Wrapper for wedge-shaped pie cuts; Crompton & Knowles Packaging Corp.	143	Trend to polyethylene-bagged loose-frozen fruits and vegetables; demand for form-fill-seal machines	44																																																																																																																																																				
<b>Canned Food</b>																																																																																																																																																							
Autoclave systems in Germany	82	Wrapless, easy-open frozen-food container; Container Corp. of America	192																																																																																																																																																				
Disappearing pastries; re-designed chicken stew package; H. J. Heinz Co.	166	<b>Liquid or viscous products</b>																																																																																																																																																					
Savings via simplicity; redesigned package for gift assortment of olives in cans and glass jars; V. R. Smith Olive Co.	127	Good Seasons salad dressing; success story; General Foods				May	109	Margarine in PVC; Unilever				September	131	<b>Condiments and Sauces</b>				<b>Products</b>				Faster feed for pouching; form-fill-seal machinery for salt and pepper packaging; International Salt Co.	74	Aluminum foil for flowers and produce; Fisher's Foils, Ltd. (England)	76	Kraft's portion control package	96	Bananas in corrugated	184	Package decision-maker; John Gearhardt (Frank Tea & Spice Co.)	106	Cold-formed plastic tray for dates; California Date Growers Assn.	203	<b>Dry (Powdery) Products</b>				Breakfast cereal package; mobile billboard	74	Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags; Seabrook Farms	152	Carton printing	99	Film shipper for produce; Fred H. Vahsing Co.	119	Domino sugar cartons	91, 92	5-tray fruit and vegetable box; Owens-Illinois Glass Co., Paper Products Div.	56	Fluorescent inks for marking cereal packages	167	Foil glamorizes the potato; Arrow Packing Co.	99	Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92
Good Seasons salad dressing; success story; General Foods				May	109																																																																																																																																																		
Margarine in PVC; Unilever				September	131																																																																																																																																																		
<b>Condiments and Sauces</b>				<b>Products</b>																																																																																																																																																			
Faster feed for pouching; form-fill-seal machinery for salt and pepper packaging; International Salt Co.	74	Aluminum foil for flowers and produce; Fisher's Foils, Ltd. (England)	76	Kraft's portion control package	96	Bananas in corrugated	184	Package decision-maker; John Gearhardt (Frank Tea & Spice Co.)	106	Cold-formed plastic tray for dates; California Date Growers Assn.	203	<b>Dry (Powdery) Products</b>				Breakfast cereal package; mobile billboard	74	Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags; Seabrook Farms	152	Carton printing	99	Film shipper for produce; Fred H. Vahsing Co.	119	Domino sugar cartons	91, 92	5-tray fruit and vegetable box; Owens-Illinois Glass Co., Paper Products Div.	56	Fluorescent inks for marking cereal packages	167	Foil glamorizes the potato; Arrow Packing Co.	99	Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																						
Aluminum foil for flowers and produce; Fisher's Foils, Ltd. (England)	76																																																																																																																																																						
Kraft's portion control package	96	Bananas in corrugated	184	Package decision-maker; John Gearhardt (Frank Tea & Spice Co.)	106	Cold-formed plastic tray for dates; California Date Growers Assn.	203	<b>Dry (Powdery) Products</b>				Breakfast cereal package; mobile billboard	74	Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags; Seabrook Farms	152	Carton printing	99	Film shipper for produce; Fred H. Vahsing Co.	119	Domino sugar cartons	91, 92	5-tray fruit and vegetable box; Owens-Illinois Glass Co., Paper Products Div.	56	Fluorescent inks for marking cereal packages	167	Foil glamorizes the potato; Arrow Packing Co.	99	Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																										
Bananas in corrugated	184																																																																																																																																																						
Package decision-maker; John Gearhardt (Frank Tea & Spice Co.)	106	Cold-formed plastic tray for dates; California Date Growers Assn.	203	<b>Dry (Powdery) Products</b>				Breakfast cereal package; mobile billboard	74	Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags; Seabrook Farms	152	Carton printing	99	Film shipper for produce; Fred H. Vahsing Co.	119	Domino sugar cartons	91, 92	5-tray fruit and vegetable box; Owens-Illinois Glass Co., Paper Products Div.	56	Fluorescent inks for marking cereal packages	167	Foil glamorizes the potato; Arrow Packing Co.	99	Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																														
Cold-formed plastic tray for dates; California Date Growers Assn.	203																																																																																																																																																						
<b>Dry (Powdery) Products</b>																																																																																																																																																							
Breakfast cereal package; mobile billboard	74	Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags; Seabrook Farms	152	Carton printing	99	Film shipper for produce; Fred H. Vahsing Co.	119	Domino sugar cartons	91, 92	5-tray fruit and vegetable box; Owens-Illinois Glass Co., Paper Products Div.	56	Fluorescent inks for marking cereal packages	167	Foil glamorizes the potato; Arrow Packing Co.	99	Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																						
Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags; Seabrook Farms	152																																																																																																																																																						
Carton printing	99	Film shipper for produce; Fred H. Vahsing Co.	119	Domino sugar cartons	91, 92	5-tray fruit and vegetable box; Owens-Illinois Glass Co., Paper Products Div.	56	Fluorescent inks for marking cereal packages	167	Foil glamorizes the potato; Arrow Packing Co.	99	Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																										
Film shipper for produce; Fred H. Vahsing Co.	119																																																																																																																																																						
Domino sugar cartons	91, 92	5-tray fruit and vegetable box; Owens-Illinois Glass Co., Paper Products Div.	56	Fluorescent inks for marking cereal packages	167	Foil glamorizes the potato; Arrow Packing Co.	99	Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																														
5-tray fruit and vegetable box; Owens-Illinois Glass Co., Paper Products Div.	56																																																																																																																																																						
Fluorescent inks for marking cereal packages	167	Foil glamorizes the potato; Arrow Packing Co.	99	Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																		
Foil glamorizes the potato; Arrow Packing Co.	99																																																																																																																																																						
Linearless carton -- milestone in cereal packaging; General Foods Corp.	42	Molded-pulp produce trays; Diamond National Corp.	254	Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																						
Molded-pulp produce trays; Diamond National Corp.	254																																																																																																																																																						
Polyethylene bags for sugar	100	Multi-cell paperboard carton for fruit and produce in Canada	76	Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																										
Multi-cell paperboard carton for fruit and produce in Canada	76																																																																																																																																																						
Polyethylene retail bags for sugar; Chase Bag Co.	39	Not packaging in polymer-coated polyethylene	184	Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																														
Not packaging in polymer-coated polyethylene	184																																																																																																																																																						
Polyethylene extrusion-coating on barrier materials	144	Opaque plastic bag for potatoes; The Kordite Co.	162	Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																		
Opaque plastic bag for potatoes; The Kordite Co.	162																																																																																																																																																						
Prevention of packaging materials from being misused; S. W. Harsbarger (Quaker Oats Co.)	90	Oriented-polypropylene produce bag; The Kordite Co.	152	Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																						
Oriented-polypropylene produce bag; The Kordite Co.	152																																																																																																																																																						
Tackiness in polyethylene	67	PVC trays	109	Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																										
PVC trays	109																																																																																																																																																						
Wax-laminated carton; General Foods Corp.	142	Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63	Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																														
Packing complaints; How handled; Kody Kodaman (Fresh Vegetable Package Co.)	63																																																																																																																																																						
Walter C. Utschig	140	Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130	<b>Frozen Food</b>				Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																		
Plastic netting for produce; Atlantic County Market Growers Assn. (sweet potatoes); A. A. Grinnell Co., Inc. (onions)	130																																																																																																																																																						
<b>Frozen Food</b>																																																																																																																																																							
Bagged frozen foods (success story); Spring Kist Sales, Inc.	162	Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90	Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																										
Polyethylene-extrusion-coated cartons for loose-frozen pea; Birds Eye Div. of General Foods	90																																																																																																																																																						
Birds Eye (Div. of General Foods) plastic pack	164	Produce packaging in polyethylene; Chase Bag Co.	168	Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																														
Produce packaging in polyethylene; Chase Bag Co.	168																																																																																																																																																						
Bottleable film pouches for raw or uncooked frozen foods	41	Printed symbols for apple packages; Washington State Apple Commission	222	Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																		
Printed symbols for apple packages; Washington State Apple Commission	222																																																																																																																																																						
Carton for bulky frozen foods; Western-Waxide Div.; Crown Zellerbach Corp.	56	Rotary feeder for use with plastic netting; English firm	62	Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																						
Rotary feeder for use with plastic netting; English firm	62																																																																																																																																																						
Carton printing	51	Slender polyethylene produce bags; The Dohmekin Co.	52	Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																										
Slender polyethylene produce bags; The Dohmekin Co.	52																																																																																																																																																						
Carton that pours frozen foods; General Foods' Birds Eye Division	92	Spoilage reducing fruit tray made of PVC; Pantasode Co.	152	Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																														
Spoilage reducing fruit tray made of PVC; Pantasode Co.	152																																																																																																																																																						
Coated aluminum foil container	46	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58	Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																																		
Strong cast-polyethylene film for packaging loose frozen vegetables and fruits; The Kordite Co.	58																																																																																																																																																						
Development of package for Sunquist Frozen Juice Bars; A. H. Morris (Sunquist Growers)	182	Water loss -- pre-packers' problem; Produce Packaging (England)	125	Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																																						
Water loss -- pre-packers' problem; Produce Packaging (England)	125																																																																																																																																																						
Economy in carton sealing; Pennsylvania Frosted Foods Co.	106	Food Packaging Council Seminar; discussion of new-package development	168	Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																																										
Food Packaging Council Seminar; discussion of new-package development	168																																																																																																																																																						
Film for frozen-food packaging; low-density polyethylene formulation; Eastman Chemical Products, Inc.	160	<b>FOREIGN PACKAGES AND PACKAGING</b>				Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																																														
<b>FOREIGN PACKAGES AND PACKAGING</b>																																																																																																																																																							
Foil glamour suggests quality; green beans in foil carton with grasse printed overwrap; General Foods' Birds Eye Div.	112	Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118	Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																																																				
Package developments abroad; Erich Ibielisk (Allgemeine Elektricitäts-Gesellschaft)	118																																																																																																																																																						
Food package and machine; unit applicable for packaging of freeze-dried foods and ice-cream; Foil Packaging Corp.	178	Freeze-dried foods (see Food Packaging: Frozen Foods)	118	Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																																																								
Freeze-dried foods (see Food Packaging: Frozen Foods)	118																																																																																																																																																						
Formed plastic containers	101	<b>FREIGHT</b>				Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																																																												
<b>FREIGHT</b>																																																																																																																																																							
Freeze-dried foods in flexible film pouch; England	76	Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42	Freeze-drying techniques	92																																																																																																																																																		
Rule 41 of Uniform Freight Classification applied to corrugated and solid fibre boxes	42																																																																																																																																																						
Freeze-drying techniques	92																																																																																																																																																						

	Month	Page		Month	Page
French, R. T. Co.			GROCERY PRODUCTS		
Instant package testing, in-plant laboratory .....	October	112	(See also Food Packaging)		
Frozen Food (See Food Packaging - Frozen Food)			In-plant maintenance problems, G. G. Greamas		
Fruit (See Food Packaging -- Produce)			(A. E. Staley Mfg. Co.) .....	April	104
<b>FURNITURE</b>			Grocery stores (See Markets and Marketing)		
Shipper standardization leads to 31% cost reduction; Henry Miller, Inc. ....	October	126	<b>H</b>		
Tear-tape shipper cuts damage claims 30%; Falcon Mfg. Co. ....	June	134	<b>HAIR DRYERS</b>		
Waxed bags protect chairs and speed up packaging; cost saving, Krueger Metal Products Co. ....	June	134	Pleated shipper for hair dryers, Helene Curtis Industries .....	September	114
<b>G</b>					
Gaskets for ether packaging, France .....			<b>HAIR PREPARATIONS</b>		
General Electric Co.			Economy in multicolor design, with quality look; L'Oréal of Paris .....	May	98
GE enters hobby market; educational electronic science kits packaged with transparent polystyrene pressure-formed covers .....	March	71	Low-cost polystyrene jar for cream hair dressing, Keystone Laboratories .....	September	122
Paperboard-plastic folder prevents loss of tiny parts .....	April	164	Metal tubes can be beautiful; "tubes of gold" for hairdressing and conditioner, John H. Breck, Inc. ....	June	111
General Foods Corp.			Hang-up card hole-punching unit, Abbott Plastic Machine Corp. ....	December	162
Good Seasons salad dressings; success story .....	January	89	Happy Pet Produce Co.		
Linerless carton -- milestone in cereal packaging; Sanka's big sampling through magazine pages .....	May	109	The eyes have it, visual-testing device for designs .....	October	124
Standards for package copy on back and side panels .....	August	100			
Wax-laminated carton for cereal, Walter C. Utschig Birds Eye Division .....	May	93	<b>HARDWARE AND TOOLS</b>		
	April	146	Descriptive copy on packages .....	April	151
	August	140	'Double-design' carton serves for two related products (swinging-door and sliding-door hardware), Adams-Rite Mfg. Co. ....	June	135
General Mills			Hang-on plug closure for tubular container, Century Drill & Tool Co. ....	October	132
Package copy, preparation of .....	September	112	Industrial shelf appeal, cartons for ball bearings, Fairair Bearing Co. ....	June	102
General Motors Corp.			New day in hardware packaging advances .....	February	83
How GM uses blister packs .....	January	164	Package redesign program, supplier takes a hand, Portable-Cable Machine Co. ....	May	100
General Motors' Buick Motor Div.			Packaging complaints, How handled, W. W. Kern (Perfect Circle Corp.) .....	May	63
Pouching 46,000 Buick parts .....	April	191	Prevention of packaging material from being misused, A. C. Salizo (Sargent & Greenleaf, Inc.) .....	December	4
General Steel & Plate, Inc.			Versatile sell in corrugated; sleeved tray for hardware product, Faultless Caster Corp. ....	August	111
Packaged steel .....	June	117	Hazardous Substance Labeling Bill .....	July	43
<b>GIFT PACKAGING</b>			Heat sealing (See Sealing Equipment and Supplies) Heat transfer printing; great packaging discovery, Denison Mfg. Co. ....		
(See also Decorative Packaging)			Heating equipment, forced air, Jet Heat, Inc. ....	September	124
Beribboned pre-wrap makes gift item of vitamins, DePress Co. ....	December	54	Heating equipment, forced air, Jet Heat, Inc. ....	September	188
Chain-store showmanship, Glamour Jewelry Co. ....	February	116	Heinz, H. J., Co.		
18th century elegance, Coty cosmetics and fragrances .....	October	110	Disappearing pictorial, re-designed chicken stew package .....	April	166
Gift combos in stretch films, Max Factor .....	November	103	Hercules Powder Co.		
Record playing cartons for gift packages (England) Stretchable-plastic banding loop, Chicago Printed String Co. ....	March	72	Polyolefin plant in Lake Charles, La., .....	May	209
Window carton with a door; gift-packed champagne, Paul Masson Vineyards .....	September	202	Heublein, Inc.		
Year-round expenditures .....	April	195	Economy in bulk, switch from cans to tinsplate steel drums for handling food concentrates .....	March	117
Glamour Jewelry Co.					
Chain-store showmanship .....	January	39	<b>HOBBY SUPPLIES</b>		
	February	116	GE enters hobby market; educational electronic science kits .....	April	164
<b>GLASS</b>			Solutions for hobby market, Revell, Inc. ....	March	113
Booklet, "This Is Glass," Corning Glass Works .....	June	212			
Glass-decoration sample kit, Ceragraphic, Inc. ....	November	56	<b>HOSE, PLASTIC</b>		
			Spiral wrapping of coils saves 80%, Goodall Rubber Co. ....	October	126
<b>GLASS CONTAINERS</b>					
(See also Bottles)					
Decanter set nested in polystyrene foam, Going Enterprises .....	October	101	<b>HOUSING</b>		
Domestic shipments of glass containers in 1960 .....	May	180	Drawing the quality line, higher-priced and budget hosiery, Sears, Roebuck & Co. ....	September	117
Instant coffee, "carafe" projects subtle quality appeal, Butter-Nut Foods .....	October	111	Men's hosiery, Cooper's, Inc. ....	September	143
Light-protective glass bottles .....	September	109	Packaging stockings at 55 per minute, German machine .....	January	61
Lightweight glass bottles .....	October	41	Quick-change labeling of film bags, Acme-McRary Corp. ....	August	112
Lightweight glass jar for pickle-packing, Armstrong Cork Co. ....	December	158	Howe & Co.		
Now it's mouthwash in refillable glass decanter, Vick Chemical Co. ....	December	95	Childproof closure; aspirin made safe from tots .....	July	123
Price rise .....	May	194			
Price stability .....	January	77	<b>I</b>		
Unscrambling glass jars .....	March	134			
<b>GLASSINE</b>					
Metallic glassine used in bakery, dry-food and meat industries; Nicolet Paper Corp. (subsidiary of Milprint, Inc.), coating equipment designed by F. J. Stokes Corp. ....	June	58	<b>ICE CREAM</b>		
Glassine & Greaseproof Mfrs. Assn.			Convenient ice-cream carton, Container Corp. of America .....	March	158
Booklet: samples of glassine and grease-proof papers .....	September	210	Easy-open ice-cream carton, American Can Co., Marathon Div. ....	February	44
Glue (See Adhesives)			Food package and machine, Foils Packaging Corp. ....	July	178
Goodall Rubber Co.			Ice-cream-carton accumulator-bundler, Hayssen Mfg. Co. ....	May	166
Spiral wrapping saves 80% .....	October	126	New packages rare, E. W. Huckstein (North Pole, Inc., Pittsburgh) .....	September	230
Graphics 1960 .....	October	106	Pictorial ice-cream carton, Riegel Paper Corp., Bloomer Div. ....	January	148
	June	105	Portable, automatic cartoner for ice-cream novelties, Integral Packaging Co. ....	June	190
<b>GREETING CARDS</b>			Size trend in ice-cream packages .....	June	44
Blister-carded greetings, American Specialty Co., Vending machine for greeting cards, Standard Packaging Corp. ....	August	42	Imperial Oil Co.		
Grinnell, A. Co., Inc.			Motor oil in high-density polyethylene bottle .....	March	94
Polyethylene netting bags for onions .....	June	130	Imports, exports up .....	June	239
<b>IMPORTS</b>					
Package must show country of origin; Federal Trade Commission ruling .....					
Imprinting (See Marking Machines and Devices)					

Month	Page	Month	Page
<b>INDIA</b>			
Packaging publication ( <i>Perfectpac</i> ) .....	126	Irma, Ltd., (Denmark)	
Role of packaging in a changing economy .....	72	Multi-service portion packs .....	December 100
Industrial goods packaging .....	116	Is mass production costing packagers their individuality? MP readers' opinions .....	July 61
<b>INDUSTRIAL PACKAGING</b>			
Aligned by magnetism; arranging and loading metal objects .....	168	J	
Automatic textile-tape strapping machine; American Viscose Corp., Industrial Packaging Div. ....	50	Foamed polystyrene .....	October 96,100
Brick packaging mechanized; Robinson Brick & Tile Co. ....	116	Heavy-wall polystyrene jar for cosmetics; Celluplastic Corp. ....	November 172
Copolymer-filled shipping bags; R. J. Martinovich and Robert Doyle .....	136	JARS	
Cushioning materials; Investigation of; Mario E. Gigliotti .....	148	Chain-store showmanship; Glamour Jewelry Co. ....	February 116
Diagonally slotted containers; John O. Younger .....	139	Johnson & Johnson	
Dual design for household chemicals; family look and distinctive custom labeling; Boyer Chemical Co. ....	105	Drug-department glamour; oral antiseptic in glass decanter .....	March 95
Economical all-foam case for pump parts; W. H. Nichols Co. ....	108	Tek sells to kids with scented toothbrush and tube cap .....	December 95
Evaluation of plastic jars for small Ordnance parts; Richard H. DeVore .....	154	Twin-sleeve multipack for cotton swabs .....	November 124
Extrusion coating on the rise .....	87	Joint Military Packaging Training Center, Toledo	
Foamed plastics on the rise .....	95	Packaging courses .....	May 180
Foam-in-place for typewriters with expanded-polyurethane-and corrugated carton; Royal McBee How GM uses blister packs .....	103	JUGS	
Industrial shelf appeal; ball bearings package; Fafnir Bearing Co. ....	191	Collapsible 5-gal polyethylene jug; Associated Plastics, Inc. ....	April 254
Lilly moves to plastics; polyethylene bottles for ethical pharmaceuticals; Eli Lilly & Co. ....	102	Finger-grip polyethylene jug; Hydrocarbon Chemicals, Inc. ....	October 176
Mechanizing a liquid-fill carton; Process Solvent Co., Inc. ....	136	K	
Moisture control with corrugated board for packaging hydrangea plants; Joseph S. Merritt, Inc. ....	102	Kent-Moore Organization	
New function in corrugated; Kent-Moore Organization .....	100	New function in corrugated; packs for automobile repair sets .....	November 100
Pleated shipper; Helene Curtis .....	114	Keystone Laboratories	
Pouching 46,000 Buick parts .....	117	Low-cost polystyrene jar for cream hair dressing; Kimberly-Clark	
Shape of 1961 .....	73	Carton design developed through consumer research	
Tear-tape shipper for furniture cuts damage claims 30%; Falcon Mfg. Co. ....	134	Squeeze is on; compression packing of facial tissues	September 122
Upgrading the 'unpackageable' .....	182	King-Kup Candies, Inc.	
Volatile corrosion inhibitors .....	116	Redesign payoff: 500% .....	July 98
Infra-red rays .....	224	Kordite Co., The .....	August 98
<b>INJECTION MOLDING</b>			
Automatic plastic injection molder; Newbury Industries, Inc. ....	50	Buick: Self-service meat merchandising .....	June 129
High-density polyethylene resins for; Dow Chemical Co. ....	50	Kraft Foods	
Injection-molded, low-density polyethylene container for cheese; M. Maggio Co. ....	110	Convenience for dealers, too; small-lot inner cartons for cheese shippers for filling less-than-case orders .....	August 133
Injection-molding unit; Newbury Industries, Inc. ....	171	Kraft's portion control package .....	May 176
Low-cost polystyrene jar for cream hair dressing; Keystone Laboratories .....	122	Tear-open aluminum can for cheese products .....	December 112
Machine applies polyethylene threads on metal tubes; England .....	76	Kroger Co., The	
Medium-impact polystyrenes for injection molding; Union Carbide Corp., Plastic Div. ....	144	Bake-in-tray package .....	June 134
Molded polystyrene bottle; Sarson, Ltd. ....	126	Krueger Metal Products Co.	
<b>INK</b>			
Better ink adhesion to polyethylene; International Eastern Co. ....	158	Waxed bags protect chairs and speed up packaging, cost saving .....	June 132
Fluorescent inks for detergent cartons .....	39	Kuehmann Foods, Inc.	
Fluorescent inks for marking cereal packages .....	42	Throw-away in bulk, returnable can for potato chips switched to disposable polyethylene-bag-in carton, 500% sales increase .....	July 166
Forced-air heating equipment for drying inks on flexible materials; Jet Heat, Inc. ....	188	L	
Increased consumption of ink in packaging .....	44	Label imprinter and rewinder; Oliver Machine Co. ....	September 188
Odor-in-packaging .....	125	LABELING	
Oil-resistant ink for polyethylene; Continental Can Co. ....	186	Automatic double-end labeler .....	March 72
Perforated carton converts to display unit or dispenser; Regush Products Co. ....	113	Automatic paint can labeler; Labellette Co. ....	July 180
Polyamide-type for polypropylene .....	133	Bottle-neck labeling machine; Gisholt Machine Co. ....	January 142
Insect infestation .....	145	Compact straight-line labeler; MRM Co. ....	April 74
<b>INSECTICIDES</b>			
Polyethylene-walled squeeze container for powdered insecticide .....	186	Excise-stamp applicator; Phin Sales Co. ....	January 46
<b>INSERTING MACHINES</b>			
Automatic inserter for sets of wire-wound radiator tags and 8-page brochure in cases of antifreeze; Prestone Div. of Union Carbide Corp. ....	110	Flexographic label maker; Sohn Mfg. ....	September 202
Institute for Better Packaging, reorganization .....	150	Hazardous labeling .....	June 224
International Packaging Machinery Show; Autopak .....	204	Hazardous Substance Labeling Act .....	September 210
International Salt Co.	204	Hazardous Substance Labeling Act; extension of effective date .....	March 190
Faster feed for pouching, form-fill-seal machinery for salt and pepper packaging .....	96	High-speed automatic labeler; Technical Tape Corp. ....	May 171
Interstate Commerce Commission Regulation re glass container shipments .....	287	Installation of body-and-neck labelers in English brewery .....	May 72
Interstate Engineering Co.	243	Labeler for rectangular cans, cartons; Pro-Pak .....	March 46
Handy molded tray for vacuum-cleaner attachments .....	42	Labeling for export to Germany from Italy .....	May 71
Inventory practices .....	103	Portable labeling machine and roll labels; Nashua Corp. ....	July 180
IQF (Individual Quick Freezing) .....	190	Precision roll labeling of glass bottles; William S. Merrill Co. ....	May 126
Irish Packaging Institute	190	Pressure-sensitive labeling ends glue smears, 50% reduction in labor costs; Ervan Lucas Bros Distilling Co. ....	April 196
Winners in first Irish packaging competition .....	190	Quick k-change labeling of film bags for hosiery; Acme-McCrory Corp. ....	August 112
		Roll-fed cigarette cups; R. J. Reynolds Tobacco Co. ....	November 104
		Roll-fed thermoplastic labeler .....	May 204
		Roll-feed labeling unit for use in food, drug and cosmetic industries; New Jersey Machine Corp. ....	February 44
		Spot-label printer applicator; Wrapture, Inc. ....	November 172
		Tapered containers, 4-oz. and pint sizes; Abbott Laboratories .....	March 98
		Textile Fibers Product Identification Act .....	September 136
		Wide-range, high-speed labeler; Compton & Knowles Packaging Corp. ....	November 172

**LABELS**

"Custom" labels for specialty items, Boyer Chemical Co., (household-chemical products).....  
 End label adheres at low heat; bread wrapper sealing; Crown Zellerbach Corp., Western Waxide Div. ....  
 End label heat-sealing coating for bread wrappers; American Can Co., Marathon Div. ....  
 Foil labels for one-trip beer and beverage bottles. For hazardous substances .....  
 For pre-packaged products .....  
 Gummed labels that lie flat, Kalahazan Label Co., Hazardous-label law, .....  
 Ingredient data for beverage bottles, Food & Drug Administration regulation .....  
 Labels adhere at low temperature; Fasson Products Laminated-foil label stock, Coated Products, Inc., Plastic-container label, National Laminating Sales Co. ....  
 Pressure sensitive labels for packaging machines re replacement cost, Paramount Paper Products Co. ....  
 Pressure-sensitive, metallized acetate labels, German firm, .....  
 Redesigns for Libby, McNeill & Libby, Roll-label seminar at New Jersey Machine Corp., Scuff-resistant labels .....  
 Types for ethical pharmaceuticals, Eli Lilly & Co., Lactona, Inc.,  
 Carton cleaner, toothbrush packages, Lambert-Hudnut Mfg., Laboratories  
 Synchronous line for plastic bottles, Charles J. Rogers .....  
 Laminations (See Packaging Materials and Supplies)  
 Lamers, Frary & Clark  
 One carton for electric frying pan replaces two, at 41% saving .....

**LEGAL PROBLEMS**

Federal and state packaging regulation, Lehm & Fink  
 Packaging line .....  
 Lever Bros., Co.  
 Line for giant carton, detergent packaging, Premiums out front, illustrations on cartons, Strip toothpaste, success story .....  
 Levi Strauss Co.  
 Breaking a bottleneck, machine strapping of corrugated shipping containers .....  
 Libby, McNeill & Libby  
 Payoff in overhead, vertical case sealers and overhead conveyors in canning plant, electronic system feeds cases to palletizers .....  
 Redesigns for tray stocking, labels and shipping containers .....  
 Lightweighting of containers, Eli, Els & Co.  
 Lilly moves to plastics, polyethylene bottles for ethical pharmaceuticals .....

**LINERS**

Acid container with semi-rigid polyethylene liner, Process Solvent Co. ....  
 Centrifugal lining process for steel pails, Rhem-Mfg. Co. ....  
 Chlorinated compound containers, Liners for .....  
 Film resin for drum liner, Spencer Chemical Co., Plastic liners for paperboard containers .....  
 Preprinted linerboard for corrugated cases, St. Regis Paper Co. ....  
 Three-ply tubular liner, gastight coffee carton, AB Hakon Swenson

**LIQUID CONTAINERS**

Mechanizing liquid-fill carton, Process Solvent Co., Inc. ....  
 Molded polystyrene bottle, Sarson, Ltd., Tetrahedral container and machine, Benis Bro. Bag Co. ....  
**LIQUID PRODUCTS**  
 New speed for big bottles, vacuum filling, Clorox Co., (bleach manufacturer) ....  
 Plastic carry container for "problem" liquids, Dillon-Beek Mfg. Co. ....  
 Prism-shaped container for liquids, Switzerland, Liquors (See Alcoholic Beverages)

**LITHOGRAPHY**

Growth in lithography for carton printing .....  
**LOADING AND UNLOADING**  
 Case set-up machine, utilizing to load fibre boxes, Benis Bro. Bag Co. ....  
 Loading and packaging system for nails, U.S. Steel's American Steel & Wire Div. ....  
 Bag loading of divider cartons, Burroughs Wellcome & Co., Inc. ....  
 L'Oréal of Paris  
 Economy in multicolor design, with quality look, hair-care products, ....  
 Lowell, G. F. & Co.  
 Long-play record on confectionery carton .....

Month Page

Month Page

**LUMBER**

Polyethylene-coated kraft paper wrap for lumber, Union Lumber Co. ....

Month Page

Month Page

**M****MACHINERY AND EQUIPMENT**

(See also Automation, Bag-making, Baling, Banding, Blister Packaging, Blow-molding, Bottles; Calculating, Can Handling, Cartoning, Case Loading and Unloading, Coating, Code Dating, Conveyors, Cottoning, Counting, Crimping, Cutting, Dairy Equipment, Dispensers, Electrical Apparatus, Electronic Equipment, Embossing, Export Packaging, Filling, Forming, Gluing, Hardware and Tools, Labeling, Laminating, Loading and Unloading, Magnetic Devices, Marking, Meat Packaging, Opening Devices, Packaging, Pouch Packaging, Pre-packaging, Sealing, Slitters, Sorting, Static Control, Strapping, Strip Packaging, Tea Packaging, Testing, Thermoforming, Tray Forming, Vacuum Forming, Vending, Weighing, Welding, Winding and Unwinding, Wrapping)

Action on machinery standards (ed.) .....

Box making (See Boxes) .....

Form-fill-seal machinery for skin packaging .....

How are you meeting in plant maintenance problems posed by complex, high-speed, automatic packaging equipment? MP readers' opinions .....

In-plant fabrication, machines for .....

Machine studies by camera, J. A. Cairns and J. Salisbur .....

Production line and machinery seminar, Packaging Institute .....

Specialized types provided by custom builders .....

Synchronous line for plastic bottles, package and machine specifications, Lambert-Hudnut Mfg., Laboratories .....

Tetrahedral container and machine, Benis Bro. Bag Co. ....

Maggio, M. Co., Gastight plastic dairy cup for cheese .....

MAGNETIC DEVICES

Aligned by magnetism, nails in corrugated box, U.S. Steel's American Steel & Wire Div. ....

Manufacturing Chemists Assn.

Booklet: Food Additives -- What They Are/How They Are Used .....

MARGARINE

Margarine in PVC, Unilever, N.V. ....

Triumph in embossing, margarine package of Corn Products Co.'s Best Foods Div. ....

MARKETS AND MARKETING

(See also Chain and Variety Stores; Merchandising, Retail Trade; Self Service)

Booklet: 26th Annual Review of Retail Grocery Store Trends, A. C. Neilson Co. ....

Candy in supermarkets, Stephen S. Whitman &amp; Son

Changing influences in supermarket merchandising

Common market for North America? .....

Discount houses .....

Emphasis on marketing at meeting of Grocers Mfrs. of America .....

Growth of supermarkets in Europe .....

Hardware items in supermarket .....

Multi-service portion packs, Irma, Ltd. (Danish chain) .....

Non-foods in chain stores .....

Supermarket growth overseas .....

Supermarket home-makers dislike .....

Supermarket package for bras, Barbara Brent, Inc.

Supermarket's role in merchandising packaged goods .....

Supermarkets suffer from over-expansion .....

Tray packages in supermarkets .....

What are the most important suggestions you can make for changes or improvements in the packaging of food or non-food products you sell? Replies of supermarket executives .....

Widespread development of supermarkets .....

**Non-foods in supermarkets**

Beauty aids in supermarkets .....

Blister economy, vitamin products, White Shield Corp. ....

Gains in number carrying non-food items .....

**MARKING MACHINES AND DEVICES**

Automatic imprinter for milk cartons, Adolf Gottscholz, Inc. ....

Automatic marking of tapered tubes, Markem Machine Co. ....

Bag-top imprinter and coder, Benis Bro. Bag Co.

Bread-wrap imprinting attachment, Adolf Gottscholz, Inc. ....

Month Page

Month Page

**M****MACHINERY AND EQUIPMENT**

(See also Automation, Bag-making, Baling,

Banding, Blister Packaging, Blow-molding,

Bottles; Calculating, Can Handling, Cartoning;

Case Loading and Unloading, Coating, Code

Dating, Conveyors, Cottoning, Counting, Crimping,

Cutting, Dairy Equipment, Dispensers,

Electrical Apparatus, Electronic Equipment,

Embossing, Export Packaging, Filling, Forming,

Gluing, Hardware and Tools, Labeling, Laminat-

ing, Loading and Unloading, Magnetic Devices,

Marking, Meat Packaging, Opening Devices,

Packaging, Pouch Packaging, Pre-packaging,

Sealing, Slitters, Sorting, Static Control, Strap-

ping, Strip Packaging, Tea Packaging, Testing,

Thermoforming, Tray Forming, Vacuum Forming,

Vending, Weighing, Welding, Winding and

Unwinding, Wrapping)

Action on machinery standards (ed.) .....

Box making (See Boxes) .....

Form-fill-seal machinery for skin packaging .....

How are you meeting in plant maintenance

problems posed by complex, high-speed,

automatic packaging equipment? MP readers'

opinions .....

In-plant fabrication, machines for .....

Machine studies by camera, J. A. Cairns and

J. Salisbur .....

Production line and machinery seminar, Packag-

ing Institute .....

Specialized types provided by custom builders .....

Synchronous line for plastic bottles, package and

machine specifications, Lambert-Hudnut Mfg.

Laboratories .....

Tetrahedral container and machine, Benis Bro.

Bag Co. ....

Maggio, M. Co., Gastight plastic dairy cup for cheese .....

MAGNETIC DEVICES

Aligned by magnetism, nails in corrugated box;

U.S. Steel's American Steel &amp; Wire Div. ....

Manufacturing Chemists Assn.

Booklet: Food Additives -- What They Are/How

They Are Used .....

MARGARINE

Margarine in PVC, Unilever, N.V. ....

Triumph in embossing, margarine package of

Corn Products Co.'s Best Foods Div. ....

MARKETS AND MARKETING

(See also Chain and Variety Stores; Merchandising,

Retail Trade; Self Service)

Booklet: 26th Annual Review of Retail Grocery

Store Trends, A. C. Neilson Co. ....

Candy in supermarkets, Stephen S. Whitman &amp; Son

Changing influences in supermarket merchandising

Common market for North America? .....

Discount houses .....

Emphasis on marketing at meeting of Grocers

Mfrs. of America .....

Growth of supermarkets in Europe .....

Hardware items in supermarket .....

Multi-service portion packs, Irma, Ltd. (Danish

chain) .....

Non-foods in chain stores .....

Supermarket growth overseas .....

Supermarket home-makers dislike .....

Supermarket package for bras, Barbara Brent, Inc.

Supermarket's role in merchandising packaged

goods .....

Supermarkets suffer from over-expansion .....

Tray packages in supermarket .....

What are the most important suggestions you can

make for changes or improvements in the

packaging of food or non-food products you sell?

Replies of supermarket executives .....

Widespread development of supermarkets .....

Non-foods in supermarket .....

Beauty aids in supermarket .....

Blister economy, vitamin products, White Shield

Corp. ....

Gains in number carrying non-food items .....

MARKING MACHINES AND DEVICES

Automatic imprinter for milk cartons, Adolf

Gottscholz, Inc. ....

Automatic marking of tapered tubes, Markem

Machine Co. ....

Bag-top imprinter and coder, Benis Bro. Bag Co.

Bread-wrap imprinting attachment, Adolf

Gottscholz, Inc. ....

16

Modern Packaging Index

	Month	Page		Month	Page
<b>FOUR-WAY CARTON PRINTING</b>			<b>MATERIALS HANDLING</b>		
Four-way carton printing, Aigene Marking Equipment Co. ....	September	56	VCI papers for non-ferrous metals, Dauber Chemical Co., Nov-Rust Div. ....	October	174
Fully automatic ampoule marker (Hungary) ....	December	72	VCI protection of ferrous metals ....	November	117
Imprinter for cartoning machines, Adolf Gottscho, Inc. ....	June	58	Michigan State University Research proposal; multi-sponsor venture; six projects ....	April	200
Improved can- or bottle coder, Adolf Gottscho, Inc. ....	November	56			
Machines adaptable for integration on existing packaging lines, Popper & Sons, Inc. ....	September	198			
Marking system for "permeous" additives to multiwall sacks (England) ....	November	82			
New imprinting equipment, Markeim Machine Co. ....	August	54			
On-the-run imprinting keeps costs down, Chimes Cake Co. ....	September	127			
Pouch imprinting above seal, Superior Roll Leaf Mfg., Inc. ....	September	198			
Roll-lead color datester, Ackerman-Gould Co. ....	September	198	Evaluation of plastic jars, storage and shipping containers for small Ordnance parts, Richard H. DeVore ....	June	154
Rotary imprinter cuts costs and breaks a speed barrier, Purcolator Products. ....	February	107	Investigation of cushioning materials at Picatinny Arsenal, Mario E. Gignotti ....	September	148
Two imprinting attachments, Adolf Gottscho, Inc. ....	January	144	Rifle protection by volatile corrosion inhibitors, Miller, Henry Inc. ....	November	117
Two imprinting attachments, Bell-Mark Corp. ....	October	176	Shipping standardization leads to 31% cost reduction, Minneapolis Mining & Mfg. Co. ....	October	126
Masson, Paul Vineyards	April	195	Industrial-packaging problem solved for 30% less, Minette Maid Corp. ....	August	123
Window carton with a door, gift-packed champagne Matchabelli, Prunel, Inc. ....	March	112	Aluminum cans for citrus juices, tear-off aluminum lid for foil-paperboard can ....	September	238
Stretch film in combination-deal carton ....	August	122	Plastic-coated juice carton ....	April	165
	April	287	Ultralight template for frozen orange juice concentrate ....	July	95
<b>MATERIALS HANDLING</b>			Modern Foods Council		
Palletizing dollar stretcher, Helena Rubinstein, Inc. ....	September	204	Boil-in-bag packaging ....	March	39
Palletizing of glass bottles ....	May	176	Boil-in-bag promotion ....	May	169
Payout in overhead, vertical case sealers and overhead conveyors in canning plant, electronic system feeds cases to palletizers, Libby, McNeill & Libby. ....	July	119	Publicity program for heat-in-pouch foods ....	August	42
Wooden pallets, statistics from National Wooden Pallet & Masonry Assn. ....					
Meat merchandising, self-service, The Kordite Co. ....			<b>MODERN PACKAGING</b>		
<b>MEAT PACKAGING</b>			Covers win art awards ....	April	260
Bacon package design, E. I. du Pont de Nemours & Co., Inc. ....	August	94	"Deceptive packaging? What is it? What's to be done?" Special editorial report ....	August	107
Cellophane for meat wrapping, Olin Mathieson Chemical Corp. ....	March	44	Encyclopedia Issue ....	December	81
Freeze-dried products ....	July	202	New cover series, Success Stories (ed.) ....	January	73
Frozen meat, effects of packaging materials on palatability ....	November	136			
Non-fogging bacon-wrap film, Goodyear Tire & Rubber Co. ....	January	148	<b>MOISTURE</b>		
Non-frozen boil-in-bag meats, Swift & Co. ....	March	94	Film with "zero" moisture absorption, Allied Chemical Corp. ....	September	54
Packaging complaints, How handled, C. D. Schuyler (Armour & Co.). ....	May	63	Moisture control with corrugated board for packaging hydrangea plants, Joseph S. Merritt, Inc. ....	October	102
Payout in overhead, vertical case sealers and overhead conveyors in canning plant, electronic system feeds cases to palletizers, Libby, McNeill & Libby. ....	July	119	Wet conditioner remoisturizes cellophane, American Viscose Corp. ....	May	162
Polyethylene-coated cellophane for wrapping fresh red meats, Olin Mathieson Chemical Corp. ....	April	84			
Polypropylene applications ....	May	134	<b>MOLDING</b>		
Portable, automatic cartoner, Integral Packaging Co. ....	June	90	(See also Injection Molding)		
Sausage in plastic tubes, Berlin. ....	March	71	Economy of foam molding, Air-O Plastic Corp. ....	December	59
Thin skin that's tough, shrinkable polyester film bags for processed meat, B. J. Price Co. ....	April	163	Expandable-polystyrene molding press, Miller & Van Winkle Co. ....	January	44
<b>MEDICAL AND SURGICAL SUPPLIES</b>			Molded containers for a rear-feed stick deodorant, Menken Co. ....	November	110
Aerosol with applicator tube for medicinal sprays, Radar-Medical (Italy) ....	September	112	Molding and extrusion plastics, styrene bases, Monsanto Chemical Co. ....	February	44
Sterilized surgical packaging, Arkell & Smiths, Melissa, Inc. ....	May	164	Molding-resin, polyethylene, Spender Chemical Co., Morris Plastics Corp. ....	December	52
First polyethylene tube, make-up cream, Menken Co. ....	April	198	Product-hugging shrink film upgrade sales appeal for salt-and-pepper dispenser sets ....	January	88
Mechanizing complex plastic package, screw feed stick deodorant. ....	November	110			
<b>MERCHANDISING</b>			<b>MOTORS</b>		
New influences on merchandising ....	January	79	Foam container for servo-motors, Davstrom, Inc. ....	October	109
Wire-bound radiator tags and 8-page brochure; automatic insertion in shipping cases of antifreeze, Prestone Div. of Union Carbide Corp. ....	December	119			
Merrill, William S., Co.	May	126	<b>MULTI-UNIT PACKAGES AND PACKAGING</b>		
Precision roll labeling of glass bottles (mouthwash) ....	January	102	Casing machine for can and bottle wrap-around packs, Atkron ....	December	162
What price protection? Metal caps instead of molded phenolic for some products ....	December	102	Economical one-way multipackaging for bottlers, Weverhaeuser Co. ....	August	52
Merritt, Joseph S., Inc.	May	126	Film and multipack machine, Continental Can Co. ....	August	50
Moisture control with corrugated board for packaging hydrangea plants. ....	January	102	Fluorescent printing of beverage multipacks, Packaging Corp. of America ....	January	42
	October	102	Multipacks for condensed milk cans, Germany ....	January	62
<b>METAL CONTAINERS</b>			Pickle jars in cellophane multipacks, Met-handling Vision (England) ....	April	125
Aluminum (See Aluminum)			Polystyrene multipackaging film for use by packagers of canned beverages, Brunsing & Sons, Sound-color film: "Multiple Packaging" Factor, Fixture, Continental Can Co. ....	June	56
Centrifugal lining process for steel pails, Rheem Mfg. Co. ....	September	56	Twin-sleeve multipack for cotton swabs, Johnson & Johnson ....	September	204
Greater strength for metal cans, National Can Corp. ....	August	168	Wrap-up for glass, economical in-plant six-pack banding for one-trip bottles, Multiwall sacks (see Paper Bags) ....	November	194
Leak tester for metal cans, The Borden Co. ....	February	152		April	156
Lightweight cans ....	January	78			
Metal can prices rise ....	February	171			
Stripping can coating, Charles H. Coleman and John E. Despaid ....	April	209	<b>NAILS</b>		
Steel can production, items from report of Can Manufacturers Institute ....	September	204	Aligned by magnetism, U.S. Steel's American Steel & Wire Div. ....	April	168
Texture finish metal cans, American Can Co. ....	September	54	National Dairy Products' Sealtest Division	May	104
Triplets, new design ....	November	39	Cottage cheese in pouch-pack portions ....	May	223
Ultralight template in use for packaging frozen orange juice concentrate, Minette Maid Corp. ....	July	65	National Flexible Packaging Assn.	December	185
		Annual meeting ....	December	189	
		Conference ....	December	189	
		Film specifications for flexographic and rotogravure-printed cellophane ....	December	189	
		National Packaging Exposition and Conference			
		As a visitor, what method will you use to get the most out of the AMA National Packaging Show? MP readers' opinions ....			

Month	Page	Month	Page	
<b>PACKAGE FAMILIES</b>				
May	111	Dual design for household chemicals; family look and distinctive custom labeling; Bover Chemical Co.	July	105
April	Suppl.	Modular packaging for family of thermometers;	June	111
April	188	Thermometer Corp. of America	May	102
March	192	Family identity for tool packages; Portable-Cable Machine Co.	December	88
June	126	How to stop "design drift"; coordinated bra packages; Peter Pan Foundations, Inc.	September	106
February	176	Silicone specialties; Dow Corning Corp.	January	46
October	186	Package Forming Machine Corp.	December	52
December	164	Automatic carton closer.	December	115
December	113	Package-insert folder; Super Speed, Inc.	September	69
December	108	Package marketing seminar; Packaging Institute.		
May	42	Package merchandising (See Merchandising)		
March	132	Package, new. What is the best way to test market?		
November	109	MP readers' opinions		
April	165	<b>PACKAGE PLANNING</b>		
August	101	Distributors, jobbers, dealers and your packages; J. C. Myers, Jr. (F. E. Myers & Bro. Co.)	May	116
June	114	Effective package copy on back and side panels.	April	145
October	102	Packing systems planning in review; A. E. Downing (Hiram Walker & Sons, Ltd.).	May	117
February	104	What is practical package sell for industrial goods?	May	116
May	99	Which packages succeed in shopping centers?		
February	79	Panel discussion (AMA National Packaging Conference).	May	117
March	72	Packages, brickbats and bouquets from Sydney (Australia) housewife.	December	71
March	73	Packages, Conquest of space in	May	39-85
January	62	<b>PACKAGING</b>		
June	114	Background for. See Table of Contents, page 2 of MODERN PACKAGING, each month, Jan., 1956 to date.		
October	102	Challenge of the times (ed.).	November	91
February	104	Convenience is king.	November	93
May	99	How organize packaging? Study shows diversity.	December	82
February	79	Dale S. Beach.	January	73
May	72	The shape of 1961: year of great challenge to packaging.	November	82
March	73	Unified transport and packaging regulations.	May	63
January	62	German and French discussions.		
April	125	Packaging complaints. How do you handle and benefit from? MP readers' opinions		
May	72	<b>PACKAGING COSTS</b>		
April	246	'Air-hatch' bag very speeds loading and unloading. Carnes Co.	July	124
November	109	All-board dispenser; alton for household aluminum foil has built in cutting edge; Tilly House Corp.	May	125
November	81	Automation speeds line 140% rotary filler for powdered dental cleanser; Block Drug Co.	May	124
October	224	Bake-in-tray package; The Kroger Co.	December	112
May	39	Breaking a bottleneck, machine strapping of corrugated shipping containers; Levi Strauss Co.	November	128
March	128	Cory Corp. upgrades interior packaging of coffee makers and uts costs 33%.	July	125
May	208	Cost reduction, saran coated containers for swimming pool chlorine; Chlorine Solution Co.	February	106
December	127	'Double design' cartons serves for two related products (swing-door and sliding-door hardware); Adams-Rite Mfg. Co.	June	135
May	42	Double-duty molded-pulp cushioning tray cuts costs 20%; Transistor Electronics Corp.	September	126
July	124	Economical weight control of photograph-mounting corners; Ace Art Co.	October	127
August	76	Economy in bulk, switch from cans to timplite steel drums for handling food concentrates; Heublein, Inc.	March	117
November	99	Economy in carton sealing; Pennsylvania Frosted Foods Co.	February	106
December	160	Economy in textile tagging; New Knit Mfg. Co.	December	113
June	44	Engineered for economy, all-corrugated shipping container for aluminum-and-glass sliding doors; Daryl Industries.	November	128
October	73	Featherweight foam saves 30%; prefabricated foamed polystyrene end caps as in-carton cushioning for line of room air filters; Puritron Corp.	March	116
September	206	50% more sales, for less; chocolate bar in foil-laminated glassine bag instead of paperboard carton; Chicago Dietetic Supply House.	February	107
January	174	Formed-plastic caps cushion instruments; Westinghouse Electric Corp.	August	123
February	168	Industrial-packaging problem solved for 30% less; Minneapolis Mining & Mfg. Co.	August	123
May	118	Low-cost end of old and new, corrugated board and polyurethane foam for protection of electronic instruments; Donner Scientific Co.	November	129
May	117	Low-cost packaging line; Physicians Products, Inc.	February	90
		Neater look at 20% less; machine instead of hand-operated staplers; Empire Brushes, Inc.	January	103
		New concepts for package cost improvements; S. L. Rowley (General Electric Co.)	May	116
		New visual appeal achieved at lower material cost; toy building bricks; Eldon Industries.	August	122
		On-the-run imprinting keeps costs down; Chimes Cake Co.	September	127
		One carton for electric frying pan replaces two, at 41% saving; Landers, Frary & Clark.	April	197

Month	Page	Month	Page
Packaging tops \$20 billion .....	82	Pressure-sensitive labels for packaging machines re replacement cost; Paramount Paper Products Co. ....	May 42
Parade of pouches: former oiler-sealing machinery for packaging frozen pastry; Peppermint Farms .....	126	Small parts packaging machine .....	September 198
Polyester mail-in-bag cuts costs and product returns; Dallas City Packing Co. ....	127	Special section for machinery at Salon International de l'Emballage .....	January 62
Polyethylene jug saves 25%; container for liquid fungistatic solution, Onyx, Inc. ....	124	Packaging Machinery Mfrs. Institute Machinery Show (Detroit) in November .....	May 192
Polystyrene clam-and-paper shipper saves 80%; Westinghouse Electric Corp. ....	113	<b>PACKAGING MATERIALS AND SUPPLIES</b>	
Prescription for economy: stapling machine for closing bags; Western Charcoal Co. ....	196	How do you prevent expensive packaging material from being misused in your operations? MP readers' opinions .....	December 67
Pressure-sensitive labeling ends glue smears, 50% reduction in labor costs; Ervan Lucas Bolz Distilling Co. ....	107	Foam plastic laminations .....	April 222
Rotary imprinter cuts costs; Purolator Products..	196	Wax-laminated carton for cereal; General Foods Corp., Walter C. Utschig .....	August 141
Safe shipper at 36% less; corrugated shipper con- tainer for motorized water pumping and filtering system, Duro Co. ....	125	Prevention of packaging materials from being misused; Clifford Badley (Higgins-Bailey Co.) .....	December 67
Savings via simplicity; redesigned package for gift assortment of olives in cans and glass jars; V. R. Smith Olive Co. ....	127	Packaging mechanics, training of .....	November 140
Shipper standardization leads to 31% cost reduc- tion; Henry Miller, Inc. (furniture) ....	126	Packaging Orientation Seminar sponsored by American Management Assn. ....	December 13
Shipper-testing program cuts costs and product damage; Syracuse China Corp. ....	197	Packaging pageant (See Table of Contents, page 2 of Modern Packaging, each month)	May 42
Spiral wrapping of plastic hose saves 80%; Goodall Rubber Co. ....	124	Packaging personnel, What ideas has your company developed for training? MP readers' opinions .....	December 182
Standardization for immediate and long-range economics; ethical pharmaceuticals, Charles Pfizer & Co. ....	125	Packaging, the power of; Walter N. Plaut (Lehn & Fink Products Corp.) .....	February 55
Streamlined shipper-and-label inventory nets 12% savings on forged-steel pipe fittings; Henry Vogt Machine Co. ....	117	Packaging research and development; Packaging Institute seminar .....	May 115
Stretch paper bags cut costs of sending fertilizers and polystyrene resins to customers; Shell Chemical Co. ....	135	Packaging Show (See National Packaging Exposition and Conference)	December 116
Tagless tea bag saves 25%; Tetley Tea Co. ....	126	Packaging suppliers, How do you safeguard new- product secrets with? MP readers' opinions .....	January 57
Tear-tape shipper cuts damage claims 30%; Falcon Mfg. Co. (furniture) ....	126	<b>PACKAGING: STUDY AND TEACHING</b>	
Triple-service shipper for aluminum and brass light-bulb bases, savings in overall packaging costs; Westinghouse Lamp Div. ....	134	Course in package design at Bradley University ... Creative Packaging of Consumer Goods; short course by University Extension, Univ. of California .....	September 210
Tray-stocking .....	125	Graduate program in packaging, Rutgers University Graduates from packaging course, Packaging Assn. of Canada .....	May 176
Two-stage switch-over cuts costs and builds shirt sales; Colonial Corp. of America .....	194	Michigan State University School of Packaging Foundation, cash gifts .....	November 178
Unit packs at 50% saving; miniature glass bottles replaced by pouches; J. R. Watkins Co. ....	116	Packaging Design Workshop, Pratt Institute .....	August 76
Versatile greaseproof cuts nut-packaging costs 33%; Royal Nut & Candy Co. ....	129	Packaging courses at Joint Military Packaging Training Center, Toledo .....	September 204
Wax-laminated carton for cereals .....	103	Packaging course at Reading University (England); Packaging course at University of Reading (England) Purdue University course in industrial packaging - Spanish-speaking packagers exchange ideas .....	September 206
Waxed bags protect chairs and speed up packaging cost saving; Krueger Metal Products Co. ....	142	Packets (See Envelopes, Packets, Pouches)	May 180
What price protection? Metal caps instead of molded phenolic; for some products, Wm. S. Merrell Co. ....	134	Packs (See Metal Containers)	June 76
Packaging for the government today... For industry tomorrow; T. P. Wharton (Package Consultants, Inc.) ....	102	<b>PAINT</b>	
Po Koging ideas: Care and feeding of Clifford Goldsmith (Philip Morris, Inc.) ....	118	Can-bail shaping and assembly, American Can Co., Canco Div. ....	August 76
Packaging ideas; methods of evaluating; seminar of American Management Assn. ....	119	Five-layer export pack for paint; England .....	September 166
<b>PACKAGING INDUSTRY</b>	209	Mechanical casing of gallon paint cans, Food Machinery & Chemical Corp. ....	July 76
Packaging Here and Abroad, A. L. Harris (Mead Corp.) ....	209	Molded polystyrene foam tray in kit of enamel paints for toy models .....	June 56
Packaging Institute	209	Perforated carton converts to display unit or dispenser; Regush Products Co. ....	October 99
Booklet: List of publications of Packaging Institute 1960 .....	186	Product finish (paint and varnish on wood) reacts to film overwrap .....	September 113
Carton, plastics forums .....	184	Palletizing (See Materials Handling)	June 158
Forum (22nd) .....	212	<b>PAPER</b>	
Forum (1960), Letter to editors of MODERN PACKAGING .....	246	(See also Glassine, Paper Bags, Paper Containers, Paper Products)	
Forum, quantity or quality? (ed.) .....	128	Better wrapper for butter; special paper laminated to photfilm; KVP Sutherland Paper Co. ....	December 158
Forum, synchronization of programs .....	114	British glossary of paper .....	December 72
Hardware Packaging Committee .....	210	Compression resistance of corrugated flutes; research study (France) .....	November 82
<b>PACKAGING MACHINERY AND EQUIPMENT</b>	78	Glossy white paper (elay-coated bag paper); Arkell & Smiths, Inc. ....	September 186
(See also specific subjects)	39	Lumber wrapping; kraft paper, extrusion coated with polyethylene; Union Lumber Co. ....	April 183
Automation justifies a package; filler and lifter for garden seeds imbedded in vermiculite - provides economies for foil planter; Benton Kirby, Inc. ....	176	Paper and foam-plastic combination; St. Regis Paper Co. ....	October 174
Automatic toothbrush packaging machine developed by Italian firm .....	114	Paper made of synthetic fibres, Swiss firm .....	April 126
Carton machine for packaging fish sticks .....	61	Polyethylene-coated papers, Champion Paper & Fibre Co. ....	September 198
Marathon, Div. American Can Co. ....	50	Rank as packaging material .....	November 40
Electrification of .....	87	Silicone-treated papers in England .....	February 70
In-line bottle and can packer; Embhart Mfg. Co. ....	54	Vacuum coating of aluminum on paper; Nicolet Paper Corp. ....	May 42
In what ways can a packager be helpful to his supplier in development of new packaging machinery? MP readers' opinions .....	67	Water-resistant, asphalt-laminated wrapping paper and kraft paper for steel wrapping; General Sheet Steel & Plate, Inc. ....	April 184
Kraft's portion control package; machinery for Packaging stockings at 55 per minute; German machine .....	107	<b>PAPER AND PLASTIC CUPS</b>	
Packaging system for one-way containers; Olin Mathieson Chemical Corp. ....	61	Hold-height display stand for clown-design drinking cup; Arrow Housewares Products, Inc. ....	August 100
Portion-control packaging program; Lily-Tulip Cup Corp. ....	162	Straw opening on tetrahedrons; Quality Check'd Dairies .....	August 101

PAPER BAGS	Month	Page	PAPER CONTAINERS	Month	Page
Heavy-duty single-wall baled bags; West Virginia Pulp & Paper Co. ....	June	54	PAPER CONTAINERS	Month	Page
Multwall paper bags for seeds.....	February	104	PAPER CONTAINERS	Month	Page
Stretch paper bags cut costs of sending fertilizers and polystyrene resins to customers; Shell Chemical Co. ....	December	117	PAPER CONTAINERS	Month	Page
<b>PAPER CUPS</b>	October	30	PAPER CUPS	January	62
Stainless steel cup user; American Can Co., Dixie Cup Div. ....	February	46	PAPER CUPS	June	56
<b>PAPERBOARD</b>	May	168	PAPERBOARD	July	174
Coated paperboard; Packaging Corp. of America, Coating for paperboard and film; Interchemical Corp. ....	May	169	PAPERBOARD	October	44
Effect of Food Additives Amendment.....	November	171	PAPERBOARD	January	46
Formulations to comply with F&DA requirements. Polyvinyl chloride coating.....	March	42	PAPERBOARD	May	180
Pressure-sensitive paperboard; SHAI.....	June	41	PAPERBOARD	December	164
Strong wax-laminated cartonboard for folding cartons; Container Corp. of America.....	May	166	PAPERBOARD	July	76
Upturn in paperboard industry.....	February	152	PAPERBOARD	April	260
Paramount Paper Products Co.	July	46	PAPERBOARD	November	178
Pressure-sensitive labels for packaging machines re replacement cost.....	May	42	PAPERBOARD	April	125
<b>PARCHMENT PAPER</b>	April	74	PAPERBOARD	July	43
Parchment packaging papers; Paterson Parchment Paper Co. ....	May	145	PAPERBOARD	May	168
<b>PATENTS</b>	January	104	PAPERBOARD	December	108
Resources in expired patents. S. J. Leone.....	February	106	PAPERBOARD	July	164
Pegboard hanging, rise for in plant-food package; American Agricultural Chemical Co. ....	September	126	PAPERBOARD	June	154
Pennsylvania Frosted Foods Co.	November	109	PAPERBOARD	March	116
Economy in carton sealing.....	December	88	PAPERBOARD	October	42
Pepperidge Farms	December	178	PAPERBOARD	December	176
Parade of pouches; former-filling-sealing machines for packaging frozen pastry.....	May	168	PAPERBOARD	June	103
Penzoil Co.	September	99	PAPERBOARD	December	50
Functional fluorescence, conversion of canned motor oil carton into highway warning emblem. Pepper (See Food Packaging); Condiments and sauces) Pepsi-Cola Co.	December	88	PAPERBOARD	April	222
Tests lightweight, throw-away glass bottles.....	December	178	PAPERBOARD	May	212
<b>PERFORATING MACHINES</b>	May	168	PAPERBOARD	June	219
Perforating machine for skin packaging; Robert L. Main & Sons.....	September	99	PAPERBOARD	November	140
Perfume (See Cosmetics and Toiletries)	December	88	PAPERBOARD	January	120
Persuasive packaging (ed.).....	December	178	PAPERBOARD	October	56
Pet Foods (See Animal Foods)	May	124	PAPERBOARD	November	40
Peter Pan Foundations, Inc.	December	88	PAPERBOARD	July	46
How to stop "design drift.".....	December	178	PAPERBOARD	June	76
Petroleum Packaging Committee; Packaging Institute, PETROLEUM PRODUCTS	December	88	PAPERBOARD	June	101
Motor oil in high-density polyethylene bottle.....	March	94	PAPERBOARD	June	93
Motor-oil packages.....	March	178	PAPERBOARD	October	39
Pfizer, Charles & Co.	May	124	PAPERBOARD	November	170
Standardization for intermediate and long-range economies; glass containers for ethical pharmaceuticals.....	December	88	PAPERBOARD	November	212
Pharmaceuticals (See Drugs and Chemicals)	December	178	PAPERBOARD	October	180
Pharmacia Laboratories	December	88	PAPERBOARD	April	254
Family look, "how-to" drawings upgrade a medicine line.....	December	178	PAPERBOARD	June	190
<b>PHONOGRAPH RECORDS</b>	March	72	PAPERBOARD	December	41
Record playing cartons for confectionery and toilet soap; English firms.....	March	72	PAPERBOARD	January	120
<b>PHOTOGRAPHIC EQUIPMENT AND SUPPLIES</b>	October	127	PAPERBOARD	May	50
Economical weight control of photograph-mounting corners; Ace Art Co. ....	September	128	PAPERBOARD	December	113
Hard-working graphics; package for home movie camera; Fairchild Camera & Instrument Corp. ....	April	205	PAPERBOARD	July	99
Machine studies by camera; J. A. Cairns and J. Salisbury.....	February	90	PAPERBOARD	December	202
Physicians Products, Inc.	January	102	PAPERBOARD	July	100
Low-cost packaging line.....	January	102	PAPERBOARD	September	188
Pilferage (See Theft)	January	102	PAPERBOARD	April	252
Pittsburgh Chemical Co.	January	102	PAPERBOARD	May	39
Service with a saving; 250-lb. drum of fumic acid replaced by 50-lb. multiwall kraft bag.....	January	102	PAPERBOARD	October	87
Plant Foods (See Fertilizers)	January	102	PAPERBOARD	October	88

Month	Page	Month	Page		
Plastics Industry, Society of the					
Plastics cleared by FDA .....	262	Molded polyethylene beverage cases (returnable), Union Carbide Plastics Co. ....	July 50		
Report from Annual Conference with notes from National Plastics Exposition .....	113	New high-density resins for injection molding, blow molding and extrusion, Dow Chemical Co. ....	August 50		
Plastifilm Converters					
From resin to film bags on one machine, Plax Corp. ....	200	New polyethylene resins for low temperature extrusion coating and laminating; also new film resin for vapor barriers, shipping sacks and liners for cartons, drums, boxes and barrels, Monsanto Chemical Co. ....			
Test methods to evaluate high density polyethylene containers .....	117	Oil-resistant ink for polyethylene film, Continental Can Co. ....	June 190		
PLIOFILM					
Price reduction by Goodyear Tire & Rubber Co. ....	176	Oriented polyethylene .....	September 186		
Protective wrapper for butter, special paper laminated to plofilm, KVP Sutherland Paper Co. ....	156	Overwrap-film resin .....	August 118		
Polyamide Film (See Nylon) .....		Polyethylene-coated papers, Champion Paper & Fibre Co. ....	September 190		
POLYESTER FILM					
Corrosion-preventive polyester film, DuPont Chemical Co., Nax-Rust Div. ....	46	Polyethylene-coated pouches for cottage cheese, National Dairy Products' Sealest Division ....	May 104		
Polyester for frozen-food packaging, Acme Baking Corp. ....	176	Polyethylene extruder-coater, The Marvellous Co. ....	October 178		
Thin skin that's tough, shrinkable film bags for processed meat, B. J. Price Co. ....	163	Polyethylene impulse sealers, Audion Elektra Co. ....	November 56		
POLYETHYLENE					
Acid container with semi-rigid polyethylene liner, Proress Solvent Co. ....	136	Polyethylene packaging for large items, Mehl Mfg. Co. ....	June 58		
Adhesion promoters for PE, C. L. Clark, Jr., W. L. McCarthy and T. F. McLaughlin, Jr. ....	143	Polyethylene-wrapped bread (England) ....	October 88		
Better ink adhesion to polyethylene, International Eastern Co. ....	158	Polymer-coated polyethylene, Olin Mathieson Chemical Corp., Orville J. Sweeting and Joseph J. Levitzki ....			
Bleaches move to plastics; high-density polyethylene jugs for sodium hypochlorite .....	96	Predicted sale by 1965, new developments .....	March 128		
Bottle insert replacing cotton wadding in headspace of glass or other tablet containers, John Dale, Ltd. ....	148	Price cut .....	June 97		
Clearance for food packaging, FDA regulation .....	42	Prices settle back .....	October 223		
Closure seal with captive swivel nozzle molded of high-density polyethylene, U.S. Cap & Closure Co. ....	100	Prism-shaped container (high-density polyethylene) for liquids, Switzerland .....	March 176		
Coated kraft-paper wrap for lumber, Union Lumber Co. ....	183	Probable clearing by FDA .....	July 76		
Coating for juice carton, Minute Maid Co. ....	165	Resin for rigid, thin-wall containers, Hercules Powder Co. ....	September 262		
Coating on both sides, Old Matheson Chemical Corp. ....	54	Saran-coated polyethylene for food packaging, Plastof Corp. ....	August 54		
Coatings .....	75	Shrink film wrap for salt-and-pepper dispenser unit, Morris Plastics Corp. ....	February 48		
Coatings (paper and board). Glue sealing with Sherwood Leads .....	135	Special polyethylene resin (TR-101) ....	January 88		
Colored polyethylene in contact with foods (Germany) ....	87	Strong cast-polyethylene film for packaging loose frozen vegetables and fruits, The Kordite Co. ....	November 131		
Developments by The Dow Chemical Co., blow-molding resins, film grade resins .....	46	Terminology, "linear" and "high density" .....	October 58		
Drum-lining material, Spencer Chemical Co. ....	188	Test for polyethylene printability, T. F. McLaughlin, Jr. ....	February 39		
Durable high-density polyethylene, suitable for blow-molded containers, extruded pipe and insulative products, Goodrich-Gulf Chemicals, Inc. ....	52	Tough polyethylene molding resin, Spencer Chemical Co. ....	September 153		
Economy in impulse sealing, Weldotron Corp. ....	100	Trays for frozen foods .....	December 52		
Effect of Food Additives amendment .....	166	Two film-grade polyethylene resin series, Dow Chemical Co. ....	March 134		
Extracted film .....	121	Use as bread wrap .....	November 54		
Extrusion-coating formulation, Eastman Chemical Products .....	218		February 42		
Extrusion coating onto various substrates .....	190	POLYETHYLENE BAGS			
Extrusion coating, use as .....	107	Automatic machine for sealing bags at high speed and low cost, Cleveland-Detroit Corp. ....	April 246		
FDA clearance .....	88	Bag with thread-like zip fastener (Japan) ....	March 72		
15 new polyethylene formulations, Koppers Co., Inc. ....	205	Bagged frozen foods (success story), Spring Kist Sales, Inc. ....	March 102		
Film for bakery wrapping, Baldrige Bakery, Inc. ....	172	Carriers for fresh flowers sold in vending machines developed in Germany .....	January 61		
Film for frozen food packaging, low-density polyethylene formulation, Eastman Chemical Products, Inc. ....	44	Consumer-size (pr sugar packaging) .....	October 39		
Film-grade polyethylene resin, Koppers Co., Inc. ....	160	Faster form-fill-seal, pouch packer for loose-frozen vegetables in polyethylene bags, Seabrook Farms ....			
Film-grade polyethylene resins, Rexall Chemical Co. ....	192	Filling polyethylene bags in vacuum frame, England	April 152		
Finger-grip polyethylene jugs, Hydrocarbon Chemicals, Inc. ....	150	Film bags utilized for faster packaging, Hemis Pro, Bag Co. ....	June 76		
Food wraps .....	176	Film shipper for produce, Fred H. Vahlising Co. ....	May 50		
Frozen food packaging material .....	41	For hortery, Sears, Roebuck & Co. ....	September 118		
Handle for multiwall bags, Union Bag-Camp Paper Corp. ....	215	From resin to film bags on one machine, Plastifilm Converters .....	December 200		
Heat sealing polyethylene .....	142	Heavy-duty bags, The Kordite Co. ....	December 160		
High-clarity, high-strength polyethylene, E. I. du Pont de Nemours & Co. ....	142	Heavy-duty polyethylene shipping bags .....	August 204		
High-density extrusion-coating resin, Phillips Chemical Co. ....	56	Machine for production of side-weld bags and pouches .....	August 204		
High-density PE containers, Bruce R. Heise, J. H. Parlman and Jules Pinsky. ....	52	Opaque plastic bag for potatoes, The Kordite Co. ....	May 162		
High-density polyethylene resins; new formulations, The Dow Chemical Co. ....	121	Plastic netting for produce, Atlantic County Market Growers Assn. (sweet potatoes), A. A. Grinnell Co., Inc. (tomato) .....	June 130		
High-density polyethylene resins; new line, Celanese Polymer Co. ....	186	Polyethylene bag-making machine, G. T. Schjeldahl Co. ....	April 254		
High-density polyethylene trays for moist sponges, General Mills .....	142	Polyethylene bags from tubing, Compac Corp. ....	January 142		
High-impact polyethylene film used in free-flowing frozen-food operations, Crown Zellerbach Corp., Western-Waxide Div. ....	126	Polyethylene bags offered, "super clear" film, Plastic Packaging Co. ....	September 54		
Injection molded low-density polyethylene container with barrier-film lid for cheese, M. Maggio Co. ....	110	Produce packaging in polyethylene, Chase Bag Co. ....	May 168		
In-plant film maker for candy packaging, E. J. Brach & Sons .....	220	Retail bags for sugar, Chase Bag Co. ....	January 144		
Jars used for small Ordnance parts, evaluation tests, Richard H. DeVore .....	154	Sealer for polyethylene bags, Pack-Rite Machines. ....	February 48		
Lower prices for high density polyethylene .....	205	Side-weld polyethylene bag-maker, Printex S. A. ....	June 192		
Milk container coatings .....	41	Stainless steel polyethylene produce bags, The Dohmen Co. ....	May 52		
		Sliced bread in polyethylene bags .....	April 39		
		Solutions for hobby market, Revell, Inc. ....	March 114		
		Sterile, resealable bag, Kartidge Pak Co. ....	February 46		
		Sterilized bag for sampling of milk, Italy .....	February 70		
		Switching from cellophane wraps to polyethylene bags for packaging shirts; cost saving, Colonial Corp. of America .....			
		Thickness in polyethylene .....			
POLYETHYLENE BAGS AND TUBES					
Blow-molded bottles .....	116		March 116		
Blow-molded polyethylene bottles, Celanese Corp. of America .....	142		May 142		
			October 60		

Month	Page	Month	Page
Bottle closures (See Closures)			
Cookie dough in convenient polyethylene squeeze tube; Cookietime Products			
Handy pain extinguisher in polyethylene squeeze bottle; Norwich Pharmacal Co.			
Heat-transfer printing of great packaging discovery; Dennison Mfg. Co.			
High-density polyethylene bottles; Plax Corp.			
High-density polyethylene bottles for household bleaches, shampoos, chemicals			
High-density PE containers, Brooks B. Heise, J. H. Parlman and Jules Pinsky.			
Part I. Selection of proper raw materials and special design considerations			
Part II. Evaluation requires testing of product in bottles for permeability, leakage, distortion, impact, etc. Test methods			
Lilly moves to plastics; polyethylene bottles for ethical pharmaceuticals; Eli Lilly & Co.			
Liquid-detergent containers			
Motor oil in high-density polyethylene bottle; Imperial Oil Co.			
Oral-spray bottle (squeeze-to-use) with built-in direction control for antibacterial oral breath freshener; Vicks Chemical Co.			
Paper mailers for products packaged in small polyethylene bottles; England			
Polyethylene bottle for bath salts with scented molded rose; England			
Polyethylene jug saves 25% container for liquid fungicidal solution; Onox, Inc.			
Printer for plastic containers; Pan Industrial Corp.			
Spectacular growth; new uses			
Polyethylene coatings (See Coatings)			
<b>POLYETHYLENE JUGS</b>			
Collapsible 5-gal. jug; Associated Plastics, Inc.			
<b>POLYOLEFIN</b>			
Plant in Lake Charles, La.; Hercules Powder Co.			
<b>POLYPROPYLENE</b>			
Bakery package coating			
Bi-oriented polypropylene film; John F. O'Donnell and J. Thomas Sellendorf.			
Blow-molded bottles			
Closures			
Double-walled jar for cosmetic creams; Imco Container Corp.			
First polypropylene tube; Melissa, Inc.			
First polypropylene wrap; Ward Baking Co.; bread loaves			
Food Additives Amendment; action of Hercules Powder Co.			
Food-grade polypropylene meeting FDA regulations for food and drug applications; AviSun Corp.			
Indications for polypropylene film; packaging properties and machine performance; Edward T. Severs and Robt. J. Ridgway			
Milk bottle			
Oriented polypropylene; AviSun			
Oriented-polypropylene produce bag; The Kordite Co.			
Packaging potential			
Pearlescent colors for polypropylene; Enjay Chemical Co.			
Polypropylene (book review); Theodore O. J. Kresser			
Potential production			
Price lowering; market activity			
Properties of			
Sealing polypropylene film			
Squeeze tubes for make-up product; Melissa, Inc.			
Thermforming prospect			
Use as coating			
Volume applications of polypropylene film			
<b>POLYSTYRENE</b>			
Aerosol overcap; Sunbeam Plastics Corp.			
Air drops; polystyrene-foam containers for Die Neue Verpackung (Germany)			
Closures			
Developments by The Dow Chemical Co.; internally colored expandable pellets; fog-resistant film			
Expanded-polystyrene corner cushioning; Pac-Tron, Inc.			
Extruded foam in web form			
Foamed-polystyrene sheets; lamination to paper and paperboard			
GE enters hobby market; educational electronic science kits packaged with transparent polystyrene pressure-formed covers			
Jars used for small Ordnance parts; evaluation tests; Richard H. DeVore			
Milk container; Albert Mojonnier, Inc.			
Multipackaging clip for use by packagers of canned beverages; Brunsing & Sons			
New strength in polystyrene (medium-impact); containers for frozen and refrigerated foods; J. R. Wilkinson			
Oriented polystyrene; blister packaging of greeting cards; American Paper Specialty Co.			
Overwrapping film; Visking Co.			
Prices settle back			
Radio-frequency plastic-foam process used to manufacture expandable polystyrene; Dynatech Process, Inc.			
Sealer for use in supermarket packaging; G. T. Schjeldahl Co.			
Trays for frozen foods			
Tray in candy package; contamination of product			
Uses; aerosols possible; non-pressurized bottles for toiletries and condiments			
<b>POLYURETHANE</b>			
Combination polyurethane-foam-and-corrugated container for typewriters; Royal McBee Corp.			
Foam			
Foams			
Molded foam			
<b>POLYVINYL CHLORIDE</b>			
Blow-molded PVC suggested for beer bottles; Automatique (Germany)			
Crystal-clear clinging PVC for in-store packaging of produce, poultry, meat and cheese; Reynolds Metals Co.			
Filling machine constructed of PVC; Australia			
Foil embossing on PVC sheeting by radio frequency; development by English firm			
Margarine in PVC; Unilever			
PVC bag-in-box replaces casks; British Vinegar, Ltd.			
PVC film by blow extrusion method; Australian firm			
PVC film plant in Sydney (Australia)			
Processing of rigid, unplasticized PVC into beakers, containers, tubs, etc.; Reifenhauer U. S. Sales Corp.			
Shipping bags; Eurostar winners			
Spoilage-reducing fruit tray made of PVC; Pantasote Co.			
Thermoformed PVC containers for coffee; Antwerp packager			
Trays for frozen foods			
Trays for produce, candies, cookies, industrial parts			
Porter-Cable Machine Co.			
Package-resign program; supplier takes a hand			
Pottery packaging in Japan			
Pouch imprinting above seal; Superior Roll Leaf Mfg., Inc.			
<b>POUCH-PACKAGING MACHINERY</b>			
Continuous-motion machine			
Faster feed for pouching; form-fill-seal machinery for salt and pepper packaging; International Salt Co.			
Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags; Seabrook Farms			
High-speed continuous motion devices			
High-speed pouch maker; Food Machinery & Chemical Corp., Packaging Machinery Div.			
Horizontal and vertical pouch packers; Bartelt Engineering Co.			
Liquid pouch packager; Circle Design & Mfg. Corp.			
Machine for production of polyethylene side-weld bags and pouches			
New progress in pouching; Skinner Mfg. Co.			
Parade of pouches; former-filler-sealing machines for packaging frozen pastry; Pepperidge Farms			
Pouch former-filler-sealer; Speedway Machine & Tool Co.			
Pouching 46,000 Buick parts			
Six-up pouch-packaging machine; Converters Service Co.			
Pouches (See Envelopes, Packets, Pouches)			
<b>POULTRY</b>			
Frozen, storage of			
Wirebound and corrugated shipper for film-bagged turkeys; Package Research Laboratory			
Pratt Institute			
Package Design Workshop			
Premiums (See Advertising)			
<b>PRE-PACKAGING</b>			
Information on labels			
Prestone Div. (See Union Carbide Corp.)			
P. T. 's, B. J. Co.			
in skin that's tough, shrinkable polyester film			
** tags for processed meats			
Price cuts for polyethylene resins and film			
Price marking of supermarket packages			
Price problems			
Price stabilization			
Price trends in materials and containers			
<b>PRICES</b>			
Of metal cans			
Prices of (containers) forced up (England)			
Prices of plastic resins settle back			
<b>PRINTING</b>			
(See also Silk-Screen)			

Month	Page	Month	Page
September	190	Lilly moves to plastics; polyethylene bottles for ethical pharmaceuticals; Eli Lilly & Co.,	August 102
July	46	Line for giant carton; detergent package; Lever Bros.,	November 106
November	178	Low-cost packaging line for "ethical drug items"; Physicians Products Co., Inc.	February 90
December	178	Margarine in PVC; Unilever	September 131
August	96	Mechanizing complex plastic package for screw-feed stick deodorant; Mennen Co.	November 110
October	58	Mechanizing liquid-fill cartons; Process Solvent Co., Inc.	June 136
January	42	Moisture control with corrugated board for packaging hydrangea plants; Joseph S. Merrill, Inc.	October 102
September	124	Multi-cavity foil pan; bake-in-tray for frozen muffins; Downyflake Foods	May 96
December	180A	New function in corrugated; Kent-Moore Organization	November 100
October	60	New speed for big bottles; vacuum filling; Clorox Co. (bleach manufacturer)	February 98
May	133	One line for two problem bottles; Herbert J. Ogleby (Abbott Laboratories)	March 96
August	89	Payoff in overhead; vertical case sealers and overhead conveyors in canning plant; electronic system feeds cases to palletizers; Libby, McNeill & Libby	July 119
September	153	Pleated shipper; hair dryers in billow-like container handled by box-forming machine; Helene Curtis	September 114
May	164	Pouching 46,000 Buick parts	June 117
October	178	Precision roll labeling of bottles; William S. Merrell Co., Div. of Richardson-Merrell Inc.	May 127
April	72	Pressure on production; packaging equipment	January 171
October	176	Quick-change labeling of film bags; Acme-McCrary Corp.	August 112
April	252	Qwip, aerosol whipped cream; Avoset Co.	January 90
September	56	Ram loading of divider cartons; Burroughs Wellcome & Co., Inc.	June 122
November	166	Roll-filled cigarette cups; R. J. Reynolds	November 104
April	76	Sanka's big sampling; pouch packages of coffee for binding into pages of two-mass circulation magazines; General Foods	May 93
September	202	Shape of 1961	January 73
June	136	Shifting trends in printing; carton printing	August 89
December	93	Shrink; new dimension in films	August 116
April	150	Squeeze is on; compression packaging of Kimberly-Clark's facial tissues	August 98
January	89	Synchronous line for plastic bottles; Lambert Hudnut; Charles J. Rogers	February 110
December	118	Thin skin that's tough; shrinkable film bags for processed meat; B. J. Price Co.	April 163
July	87	Trend to paper for seeds	February 104
April	168	Ultrasonics; when? Efforts of electronics engineers to make this method of sealing foils and films available to packagers	July 100
December	110	Wrap-up for glass; in plant 6-pack banding for one-trip bottles	April 156
June	114	Profits; packaging contribution to	April 39
May	122	Pump parts; economical all-foam case for; W. H. Nichols Co.	December 108
June	105	Purchasing's expanding role in package dollar management; Frank X. Tully (Ralston Purina Co.)	May 115
October	104	Puritor Corp.	March 116
January	98	Featherweight foam saves 30% prefabricated foamed polystyrene end caps as in-carton cushioning for room air filters	March 116
October	116	Puroator Products	February 107
July	96	Rotary imprinter cuts costs and breaks a speed barrier	February 107
March	118	Q	
December	90	Quad-stayer; Thermoplastic; New Jersey Machine Corp.	May 52
February	69	Quality appeal of instant-coffee "carafe" Butter-Nut Foods	October 111
September	117	Quality Check Dairies	August 101
July	96	Straw opening on tetrahedrons	
April	152	QUALITY CONTROL	
February	88	Carton cleaner; toothbrush packages; Lactona, Inc.	
October	109	For plastic food containers	
June	103	Frozen foods	
August	129	New stress-flex tester (du Pont); Herbert C. Horst and Robert E. Martin	
December	96	Prototype for European stamp of quality; standards between France and Belgium	
July	110	Standards for extrusion coatings; Beng. Lechner and Wm. S. Bunte	
September	124	Quality line for hosiery packages; Sears, Roebuck & Co.	
March	110	R	
April	191	Radar-Medical (Italy)	
October	112	Aerosol with applicator tube for medicinal sprays; Ralston Purina Co.	
August	97	Purchasing's expanding role in package dollar management	
December	96	Redesigning (See Design)	
July	110	Regush Products Co.	
September	124	Perforated carton converts to display unit or dispenser; disposable paint or ink mixing cups	
March	110	September 112	
April	191	May 115	
October	112	September 113	
August	97	23	

	Month	Page		Month	Page
<b>RESEARCH</b>					
Market research study; Eli Lilly & Co. ....	August	105	Automatic machine sealing polyethylene bags at high speed and low cost; Cleveland-Detroit Corp. ....	April	246
Research by computer; commercial research techniques; package-design research symposium of Package Designers Council ..... Research proposal at Michigan State, six projects; .....	May	214	Automatic taper to seal slip-lid containers (German firm) ....	August	76
Packaged convenience foods for restaurant industry	April	200	Capping machines for pointed irregularly shaped caps; Abbott Laboratories ..... Cold-seal coatings for higher speeds; development in Sweden ..... Compact film-bag sealer; American Engineering & Design Corp. ....	March	97
<b>RESTAURANTS</b>	March	83	Compact film-bag sealing unit; Amsco Packaging Machinery, Inc. .... Converter for plastic-tube sealing; Arthur Colton Co. ....	January	61
Booklets of A. C. Neilson Co.; 26th Annual Review of Retail Grocery Store Trends and 25th Annual Review of Retail Drug and Proprietary Store Trends..... Effect of tray-stocking ..... Hardware .....	December	164	Crumb-free cookie and cracker packaging; Mercury Heat Sealing Equipment Co. .... Economy in impulse sealing; Weldotron Corp. .... End label adheres at low heat; bread wrapper sealing; Crown Zellerbach Corp., Western-Waxide Div. ....	May	171
RE-USE CONTAINERS	September	249	Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags; Seabrook Farms ..... Film lifter for food containers; Packaging Industries ..... Folder flaps for women's hosiery; Sears, Roebuck & Co. .... For TR-101 resin ..... French machine that seals' closures on filled pouches ..... Hand-operated portable sealer; Packaging Industries, Inc. .... Heat sealers for pouch-packages; Bartelt Engineering Co. .... Heat sealing polyethylene ..... High-production blister-package sealer; Tronomatic Corp. .... Improved closure of flexible barriers; Howard W. Christie ..... Improvements in cellophane sealing; E. I. du Pont de Nemours & Co. .... Inserting plugs in plastic bottles; Automatic Machinery Co. .... Instrument to check heat-seal quality; Precision Machine & Development Co. .... Label sealer with bag holder; Mercury Heat Sealing Equipment Co. .... Label sealer with bag holder; Mercury Heat Sealing Equipment Co. .... Low-cost electronic heat sealer; Salamati Electronics Corp. .... Margarine sealing technique; Unilever ..... Metal-closure sealing machine; PMC Industries ..... New line of impulse sealers; Weldotron Corp. .... New polymer for paraffin wax, heat-sealing properties ..... Payoff in overhead; vertical case sealers and overhead conveyors in canning plant; Libby, McNeill & Libby, .... Plastic tamperproof aerosol-can seal; Pharma Plastics, Inc. .... Polyethylene impulse sealers; Audion Elektron ..... Polyethylene polymer-coated, heat sealability and strength of seals ..... Polyethylene sealer; G. T. Schjeldahl Co. .... Portable, automatic bag sealer; Errich International Corp. .... Reinforced sealing tape; Atlantic Gummied Paper Corp. .... Sealer for frozen-food cartons; Container Corp. of America ..... Sealer for polyethylene bags; Pack-Rite Machines ..... Sealing machine for gastight plastic dairy cup; M. Maggio Co. .... Sealing polyethylene film ..... Self-adjusting case sealer; Union Bag-Camp Paper Corp. .... Spot-seal closure ..... Thermal-impulse sealing machine; Weldotron Corp. .... Two new blister sealers; Erdco Engineering Corp. .... Ultrasonic sealing for plastics; International Ultrasonics, Inc. .... Ultrasonic sealing of foil; John H. Alden ..... Ultrasonic sealing; efforts of electronics engineers to make this method of sealing foils and films available to packagers ..... Wire-binding and sealing unit; Metaverpa, N.Y. .... Sealtest cottage cheese (See National Dairy Products) ....	September	54
Instant-coffee 'carafe'; Butter-Nut Foods ..... Lightweight half-gallon glass bottle; W. Braun Co. .... Moist sponge in re-usable blister tray; General Mills ..... Re-use cottage-cheese container made of polystyrene; Kent Plastics Corp. .... Revell, Inc. .... Solutions for hobby market ..... Reynolds Metals Co. .... Estimated growth of packaging films by 1966 ..... Reynolds, R. J. Tobacco Co. .... Roll-fed cigarette cups .....	November	166	Sears, Roebuck & Co. .... For TR-101 resin ..... French machine that seals' closures on filled pouches ..... Hand-operated portable sealer; Packaging Industries, Inc. .... Heat sealers for pouch-packages; Bartelt Engineering Co. .... Heat sealing polyethylene ..... High-production blister-package sealer; Tronomatic Corp. .... Improved closure of flexible barriers; Howard W. Christie ..... Improvements in cellophane sealing; E. I. du Pont de Nemours & Co. .... Inserting plugs in plastic bottles; Automatic Machinery Co. .... Instrument to check heat-seal quality; Precision Machine & Development Co. .... Label sealer with bag holder; Mercury Heat Sealing Equipment Co. .... Label sealer with bag holder; Mercury Heat Sealing Equipment Co. .... Low-cost electronic heat sealer; Salamati Electronics Corp. .... Margarine sealing technique; Unilever ..... Metal-closure sealing machine; PMC Industries ..... New line of impulse sealers; Weldotron Corp. .... New polymer for paraffin wax, heat-sealing properties ..... Payoff in overhead; vertical case sealers and overhead conveyors in canning plant; Libby, McNeill & Libby, .... Plastic tamperproof aerosol-can seal; Pharma Plastics, Inc. .... Polyethylene impulse sealers; Audion Elektron ..... Polyethylene polymer-coated, heat sealability and strength of seals ..... Polyethylene sealer; G. T. Schjeldahl Co. .... Portable, automatic bag sealer; Errich International Corp. .... Reinforced sealing tape; Atlantic Gummied Paper Corp. .... Sealer for frozen-food cartons; Container Corp. of America ..... Sealer for polyethylene bags; Pack-Rite Machines ..... Sealing machine for gastight plastic dairy cup; M. Maggio Co. .... Sealing polyethylene film ..... Self-adjusting case sealer; Union Bag-Camp Paper Corp. .... Spot-seal closure ..... Thermal-impulse sealing machine; Weldotron Corp. .... Two new blister sealers; Erdco Engineering Corp. .... Ultrasonic sealing for plastics; International Ultrasonics, Inc. .... Ultrasonic sealing of foil; John H. Alden ..... Ultrasonic sealing; efforts of electronics engineers to make this method of sealing foils and films available to packagers ..... Wire-binding and sealing unit; Metaverpa, N.Y. .... Sealtest cottage cheese (See National Dairy Products) ....	August	166
<b>RIBBONS (typewriter and business machine)</b>	October	111	Sears, Roebuck & Co. .... For TR-101 resin ..... French machine that seals' closures on filled pouches ..... Hand-operated portable sealer; Packaging Industries, Inc. .... Heat sealers for pouch-packages; Bartelt Engineering Co. .... Heat sealing polyethylene ..... High-production blister-package sealer; Tronomatic Corp. .... Improved closure of flexible barriers; Howard W. Christie ..... Improvements in cellophane sealing; E. I. du Pont de Nemours & Co. .... Inserting plugs in plastic bottles; Automatic Machinery Co. .... Instrument to check heat-seal quality; Precision Machine & Development Co. .... Label sealer with bag holder; Mercury Heat Sealing Equipment Co. .... Label sealer with bag holder; Mercury Heat Sealing Equipment Co. .... Low-cost electronic heat sealer; Salamati Electronics Corp. .... Margarine sealing technique; Unilever ..... Metal-closure sealing machine; PMC Industries ..... New line of impulse sealers; Weldotron Corp. .... New polymer for paraffin wax, heat-sealing properties ..... Payoff in overhead; vertical case sealers and overhead conveyors in canning plant; Libby, McNeill & Libby, .... Plastic tamperproof aerosol-can seal; Pharma Plastics, Inc. .... Polyethylene impulse sealers; Audion Elektron ..... Polyethylene polymer-coated, heat sealability and strength of seals ..... Polyethylene sealer; G. T. Schjeldahl Co. .... Portable, automatic bag sealer; Errich International Corp. .... Reinforced sealing tape; Atlantic Gummied Paper Corp. .... Sealer for frozen-food cartons; Container Corp. of America ..... Sealer for polyethylene bags; Pack-Rite Machines ..... Sealing machine for gastight plastic dairy cup; M. Maggio Co. .... Sealing polyethylene film ..... Self-adjusting case sealer; Union Bag-Camp Paper Corp. .... Spot-seal closure ..... Thermal-impulse sealing machine; Weldotron Corp. .... Two new blister sealers; Erdco Engineering Corp. .... Ultrasonic sealing for plastics; International Ultrasonics, Inc. .... Ultrasonic sealing of foil; John H. Alden ..... Ultrasonic sealing; efforts of electronics engineers to make this method of sealing foils and films available to packagers ..... Wire-binding and sealing unit; Metaverpa, N.Y. .... Sealtest cottage cheese (See National Dairy Products) ....	September	54
Cartoning for economy; inked machine ribbons in locking carton; Burroughs Corp. .... Rich Vie Co. .... Cone top for pies; aluminum foil package ..... Richardson, Thos. D. Co. .... All-plastic cup container wins new markets for mints ..... Roberts Dairy Co. .... Family look for milk; redesigned cartons ..... Robinson Brick & Tile Co. .... Brick packaging mechanized ..... Rochford, Thomas & Sons ..... Triple-duty shipper eases packing; upgrades display of potted plants ..... Royal McBee Corp. .... Foam-in-place for typewriters ..... Royal Nut & Candy Co. .... Versatile greaseproof cuts nut-packaging 33% ..... Rubinstein, Helena, Inc. .... Palletizing dollar stretcher ..... Rule 41 of Uniform Freight Classification ..... Rust prevention (See Corrosion) ..... Rutgers University ..... Aerosol laboratory (pharmaceutical dept.) .....	December	90	For TR-101 resin ..... French machine that seals' closures on filled pouches ..... Hand-operated portable sealer; Packaging Industries, Inc. .... Heat sealers for pouch-packages; Bartelt Engineering Co. .... Heat sealing polyethylene ..... High-production blister-package sealer; Tronomatic Corp. .... Improved closure of flexible barriers; Howard W. Christie ..... Improvements in cellophane sealing; E. I. du Pont de Nemours & Co. .... Inserting plugs in plastic bottles; Automatic Machinery Co. .... Instrument to check heat-seal quality; Precision Machine & Development Co. .... Label sealer with bag holder; Mercury Heat Sealing Equipment Co. .... Label sealer with bag holder; Mercury Heat Sealing Equipment Co. .... Low-cost electronic heat sealer; Salamati Electronics Corp. .... Margarine sealing technique; Unilever ..... Metal-closure sealing machine; PMC Industries ..... New line of impulse sealers; Weldotron Corp. .... New polymer for paraffin wax, heat-sealing properties ..... Payoff in overhead; vertical case sealers and overhead conveyors in canning plant; Libby, McNeill & Libby, .... Plastic tamperproof aerosol-can seal; Pharma Plastics, Inc. .... Polyethylene impulse sealers; Audion Elektron ..... Polyethylene polymer-coated, heat sealability and strength of seals ..... Polyethylene sealer; G. T. Schjeldahl Co. .... Portable, automatic bag sealer; Errich International Corp. .... Reinforced sealing tape; Atlantic Gummied Paper Corp. .... Sealer for frozen-food cartons; Container Corp. of America ..... Sealer for polyethylene bags; Pack-Rite Machines ..... Sealing machine for gastight plastic dairy cup; M. Maggio Co. .... Sealing polyethylene film ..... Self-adjusting case sealer; Union Bag-Camp Paper Corp. .... Spot-seal closure ..... Thermal-impulse sealing machine; Weldotron Corp. .... Two new blister sealers; Erdco Engineering Corp. .... Ultrasonic sealing for plastics; International Ultrasonics, Inc. .... Ultrasonic sealing of foil; John H. Alden ..... Ultrasonic sealing; efforts of electronics engineers to make this method of sealing foils and films available to packagers ..... Wire-binding and sealing unit; Metaverpa, N.Y. .... Sealtest cottage cheese (See National Dairy Products) ....	July	142
<b>S</b>	January	103	Sears, Roebuck & Co. .... Drawing the quality line; higher-priced and budget hosiery ..... Seeds (See Nursery Products) .....	September	138
St. Regis Paper Co. .... Collegiate Packaging Design Contest winners ..... Sais Margarine Fabrik (See Unilever) .... Salad dressings (See Food Packaging-Liquid or viscous products) .... Salon International de L'Emballage (See Exhibitions) .... Salt-and-pepper dispenser set; polyethylene shrink film wrap upgrades sales appeal; Morris Plastics Corp. .... Sample maker for production runs; England .....	May	72	Sealer for frozen-food cartons; Container Corp. of America ..... Sealer for polyethylene bags; Pack-Rite Machines ..... Sealing machine for gastight plastic dairy cup; M. Maggio Co. .... Sealing polyethylene film ..... Self-adjusting case sealer; Union Bag-Camp Paper Corp. .... Spot-seal closure ..... Thermal-impulse sealing machine; Weldotron Corp. .... Two new blister sealers; Erdco Engineering Corp. .... Ultrasonic sealing for plastics; International Ultrasonics, Inc. .... Ultrasonic sealing of foil; John H. Alden ..... Ultrasonic sealing; efforts of electronics engineers to make this method of sealing foils and films available to packagers ..... Wire-binding and sealing unit; Metaverpa, N.Y. .... Sealtest cottage cheese (See National Dairy Products) ....	February	48
<b>SAMPLING PACKAGES</b>	May	93	Sears, Roebuck & Co. .... Drawing the quality line; higher-priced and budget hosiery ..... Seeds (See Nursery Products) .....	July	110
Sanka's big sampling through magazine pages; General Foods .....	April	200	Sealer for frozen-food cartons; Container Corp. of America ..... Sealer for polyethylene bags; Pack-Rite Machines ..... Sealing machine for gastight plastic dairy cup; M. Maggio Co. .... Sealing polyethylene film ..... Self-adjusting case sealer; Union Bag-Camp Paper Corp. .... Spot-seal closure ..... Thermal-impulse sealing machine; Weldotron Corp. .... Two new blister sealers; Erdco Engineering Corp. .... Ultrasonic sealing for plastics; International Ultrasonics, Inc. .... Ultrasonic sealing of foil; John H. Alden ..... Ultrasonic sealing; efforts of electronics engineers to make this method of sealing foils and films available to packagers ..... Wire-binding and sealing unit; Metaverpa, N.Y. .... Sealtest cottage cheese (See National Dairy Products) ....	February	128
<b>SANITARY PRODUCTS</b>	January	88	Sears, Roebuck & Co. .... Drawing the quality line; higher-priced and budget hosiery ..... Seeds (See Nursery Products) .....	April	72
Carton design developed through consumer research; Kimberly-Clark .....	May	72	Sealer for frozen-food cartons; Container Corp. of America ..... Sealer for polyethylene bags; Pack-Rite Machines ..... Sealing machine for gastight plastic dairy cup; M. Maggio Co. .... Sealing polyethylene film ..... Self-adjusting case sealer; Union Bag-Camp Paper Corp. .... Spot-seal closure ..... Thermal-impulse sealing machine; Weldotron Corp. .... Two new blister sealers; Erdco Engineering Corp. .... Ultrasonic sealing for plastics; International Ultrasonics, Inc. .... Ultrasonic sealing of foil; John H. Alden ..... Ultrasonic sealing; efforts of electronics engineers to make this method of sealing foils and films available to packagers ..... Wire-binding and sealing unit; Metaverpa, N.Y. .... Sealtest cottage cheese (See National Dairy Products) ....	June	158
<b>SARAN</b>	February	106	Sears, Roebuck & Co. .... Drawing the quality line; higher-priced and budget hosiery ..... Seeds (See Nursery Products) .....	May	166
Saran coated containers for swimming pool chlorine; Chlorine Solution Co. .... Saran-coated polyethylene for food packaging; Plastoid Corp. .... Sarson, Ltd. .... Molded polystyrene bottle ..... Score-testing device; research proposal at Michigan State .....	February	48	Sealer for frozen-food cartons; Container Corp. of America ..... Sealer for polyethylene bags; Pack-Rite Machines ..... Sealing machine for gastight plastic dairy cup; M. Maggio Co. .... Sealing polyethylene film ..... Self-adjusting case sealer; Union Bag-Camp Paper Corp. .... Spot-seal closure ..... Thermal-impulse sealing machine; Weldotron Corp. .... Two new blister sealers; Erdco Engineering Corp. .... Ultrasonic sealing for plastics; International Ultrasonics, Inc. .... Ultrasonic sealing of foil; John H. Alden ..... Ultrasonic sealing; efforts of electronics engineers to make this method of sealing foils and films available to packagers ..... Wire-binding and sealing unit; Metaverpa, N.Y. .... Sealtest cottage cheese (See National Dairy Products) ....	July	174
Seabrook Farms .... Faster form-fill-seal; pouch packer for loose-frozen vegetables in polyethylene bags .....	January	126	Sears, Roebuck & Co. .... Drawing the quality line; higher-priced and budget hosiery ..... Seeds (See Nursery Products) .....	July	190
Seagram, Joseph E. & Sons ..... Bottling whiskey 50% faster .....	April	152	Sears, Roebuck & Co. .... Drawing the quality line; higher-priced and budget hosiery ..... Seeds (See Nursery Products) .....	January	148
<b>SEALING EQUIPMENT AND SUPPLIES</b>	January	98	Sears, Roebuck & Co. .... Drawing the quality line; higher-priced and budget hosiery ..... Seeds (See Nursery Products) .....	September	117
Adjustable case sealer; Union Bag-Camp Corp. .... Automatic aerosol overcapper; Pneumatic Scale Corp. .... Automatic capping ..... Automatic cohesive sealing; Baker Perkins, Ltd. .... Automatic heat sealer; Cleveland-Detroit Corp. ....	December	50	Sears, Roebuck & Co. .... Drawing the quality line; higher-priced and budget hosiery ..... Seeds (See Nursery Products) .....	December	41
	March	44	German stores; shopping habits ..... Growth of self-service in Europe; Emballages (France) .... Hosiery self selection packages; Sears, Roebuck & Co. .... Versatile sell in corrugated; sleeved tray for hardware product; Faultless Caster Corp. ....	January	61
	January	120	German stores; shopping habits ..... Growth of self-service in Europe; Emballages (France) .... Hosiery self selection packages; Sears, Roebuck & Co. .... Versatile sell in corrugated; sleeved tray for hardware product; Faultless Caster Corp. ....	June	75
	February	152	German stores; shopping habits ..... Growth of self-service in Europe; Emballages (France) .... Hosiery self selection packages; Sears, Roebuck & Co. .... Versatile sell in corrugated; sleeved tray for hardware product; Faultless Caster Corp. ....	September	119
	July	180	German stores; shopping habits ..... Growth of self-service in Europe; Emballages (France) .... Hosiery self selection packages; Sears, Roebuck & Co. .... Versatile sell in corrugated; sleeved tray for hardware product; Faultless Caster Corp. ....	August	111
<b>SELF-SERVICE</b>					
Are housewives tiring of self-service stores? ....					

	Month	Page		Month	Page
<b>SELLING TOOLS</b>					
Is package selling power measurable; discussion in Emballages (France) .....	December	71	Wrap-up for glass; bulk shipments of one-way bottles .....	April	287
<b>SET-UP BOXES</b>					
Automation for set-up boxes .....	April	222	SHOE POLISH		
Solutions for hobby market, Revell, Inc. ....	March	114	Handy foam-plastic applicator, Shoe Sheen Products Corp. ....	October	111
<b>SET-UP BOXES: PAPER</b>					
Package for home movie camera, Fairchild Camera & Instrument Corp. ....	September	128	Shoe-Sheen Products Corp., Handy foam-plastic applicator, Shopping center near Melbourne (Australia) ....	October	111
Year's best in set-up boxes; 11th NBMA competition .....	June	126	<b>SHRINK FILMS</b>		
Sheet-material creping machine, Bird Engineering... <b>SEWING SUPPLIES</b>	April	150	Properties of (Table), ....	August	118
Package instructions, Coats & Clark, ....	October	60	Shrink; new dimension in films, ....	August	116
Sheet-material creping machine, Bird Engineering... <b> SHELF DISPLAY</b>	October	88	Shrink-film packaging .....	January	76
Analysis of a stand-out (Germany) ....			Shrinking film, Heat tunnel for, Cleveland-Detroit Corp. ....	April	246
Shell Chemical Co., Stretch paper bags cut costs of sending fertilizers and polystyrene resins to customers, ....	December	112	<b>SILICONE</b>		
Shipment, Control of damage in; research proposal at Michigan State .....	April	260	Silicone specialties redesign, Dow Corning Corp. ....	September	106
<b>SHIPPING CONTAINERS</b>			Silicone-treated papers in England .....	February	70
(See also Bags, Drums, Export Packaging, Fibre Containers, Set-up Boxes, Wood)			<b>SILK-SCREEN</b>		
Bananas in corrugated .....	February	184	Automatic silk-screen printer for vials, Amaco, Inc. ....	April	249
Breaking a bottleneck, machine strapping of corrugated shipping containers, Levi Strauss Co.	November	128	Package printing .....	August	216
Bright corrugated scores for shipper-display carton of miniature chocolates, Stephen F. Whitman & Son .....	April	164	Printer for plastic bottles; machine of German origin .....	January	61
Cartons for trays of Kraft's portion control package Caser with double-case discharge, Canning Machinery Div., FMC Corp. ....	July	107	<b>SILVER</b>		
Copolymer shipping bags, R. J. Martinovich and Robert Doyle .....	July	52	Packaging for protection of silver; Czechoslovakia	February	69
Corrugated shipper for domestic appliances, 1960 Eurostar winner .....	November	131	<b>SIZE OF PACKAGE</b>		
Corrugated shipping containers (new), Olin- Mathieson Chemical Corp. ....	March	71	Convenience of quantity or unit .....	November	99
Design for tray stocking, G. H. Stern, Jr. (Hillman's, Inc.) .....	April	74	Ice-cream .....	June	44
Diagonally slotted containers, John O. Younger .....	November	76	Liquor bottles .....	October	41
Engineered for economy, all-corrugated shipping container for aluminum-and-glass sliding doors; Daryl Industries .....	October	139	Paint cans .....	September	86
Film shipper for produce, Fred H. Vahlung Co. ....	November	128	Storage in home or on store shelf .....	November	196
Fleograph; shipping carton printer, Rotostitch, Inc.	May	119	<b>SKIN PACKAGING</b>		
Foam-in-place for typewriters, combination polyurethane-foam-and-corrugated container, Royal M-Bee Corp. ....	October	58	(See also Vacuum Forming)		
Foamed plastic .....	June	103,219	Adjustable vacuum-forming machine; Product Packaging Engineering .....	November	54
Foamed-plastic corner cushioning, Pac-Tron, Inc.	October	96	Carded skin and blister packs .....	June	100
Foam shipping containers tested by Army Engineer Research & Development Laboratories.	May	162	GE enters hobby market; educational electronic science kits, skin packaging of items .....	April	164
For home movie camera, Fairchild Camera & Instrument Corp. ....	August	39	High-speed stretch-film card packs resulting from development of form-fill-seal machinery .....	March	110
Freight containerization .....	September	130	Low-cost formers for skin and blister packs; British firm .....	September	86
Heavy-duty polyethylene shipping bags .....	July	46	Perforating machine for skin packaging; Robert L. Main & Sons .....	May	168
Heavy-duty sealing tape for, Atlantic Gummed Paper Corp. ....	August	204	Skin-packaging techniques .....	October	146
Industrial shippers; methods for electronic components .....	September	188	Thin skin that's tough, shrinkable film bags for processed meat; B. J. Price Co. ....	April	163
Mechanical easing of gallon paint cans, Food Machinery & Chemical Corp. ....	August	144	Skinner Mfg. Co., New progress in pouching spaghetti and macaroni .....	October	118
Machine erects, fills and seals fibreboard shippers on U-shaped set-up .....	June	56	<b>SLITTERS</b>		
Moisture control with corrugated board for packaging hydrangea plants, Joseph S. Merritt, Inc. ....	August	204	Duplex turret-type slitter-rewinder; Appleton Machine Co. ....	May	168
Pictures in color on outside, Tennessee Stove Works	October	102	Single-knife plastic-film slitter, Oscar I. Judelson	April	248
Pleated shipper for hair dryers, Helene Curtis Industries .....	October	44	Smith, V. R. Olive Co., Savvings via simplicity, re-designed package for gift assortment of olives in cans and glass jars .....	September	127
Polyethylene coatings for fresh produce shippers, Polystyrene-foam-and-paper shipper saves 80%, Westinghouse Electric Corp. ....	September	114	<b>SOAPS AND CLEANSERS</b>		
Redesign for tray stocking, Libby, McNeill & Libby	May	91	Blow-molded containers for detergents .....	June	98
Saran coated containers for swimming pool chlorine, Chlorine Solution Co. ....	December	113	Brillo soap pads .....	December	41
Shipper-testing program cuts costs and product damage, Syracuse China Corp. ....	March	101	Carton printing .....	August	91
Shippers with foam cushioning, New Industrial Products Corp. ....	February	106	Five-year plan keeps pace with changing time; Brillo Mfg. Co., Inc. ....	June	110
Shipping and distribution; coordinated container transportation, W. L. Serenbetz (Railway Express Agency, Inc.) .....	April	197	Fluorescent-printed detergent cartons .....	November	39
Sealed telescope boxes for cavity packs of automobile repair sets, Kent-Moore Organization	October	180	Foam and plastic package for boys' soap; Tom Fields, Ltd. ....	October	101
Tray-stocking movement; effect of .....	May	116	Line for giant detergent carton, Lever Bros. ....	November	106
Triple-duty shipper eases packing, upgrades display appeal of potted plants, Thomas Rochford & Sons .....	November	100	Liquid-detergents in plastic containers .....	March	39
Triple-service shipper for aluminum and brass light-bulb bases, savings in over-all packaging costs, Westinghouse Lamp Div. ....	September	103	Metering re-use cap for detergent bottles; Procter & Gamble .....	December	93
Use of helicopters, Sikorsky Company .....	July	125	Package enclosures (pieces of china); Procter & Gamble .....	January	39
Wirebound and corrugated shipper for film-bagged turkeys, Package Research Laboratory .....	February	39	Plastics for liquid detergents .....	October	39
	October	176	Premiums out front, carton illustrations; Lever Bros. ....	May	214
			Record playing cartons for gift packages of toilet soap .....	March	72
			Soap in window cartons; Sales Appeal (England) .....	April	126
			Tide (detergent) water-soluble pouches; Procter & Gamble .....	January	89
			Unilever detergent in foil carton .....	November	82
			Society of Plastic Engineers Brochure: Plastics as an Engineering Career .....	April	260
			Society of Plastics Industry (See Plastics Industry, Society of)		
			Space saving in packages .....	May	39, 85
			Spain Emphasis on improved techniques in Informacion de Embalaje .....	April	126
			Spanish packaging industries, Catalog of .....	August	76
			SPAR (British association of independent grocers) .....	November	123
			<b>SPONGER</b>		
			Moist sponge in blister tray; General Mills .....	August	126

Month	Page	Month	Page
Spring Kist Sales, Inc.			
Bagged frozen foods (success story) .....	102	Time-saving carton-sealing tape, Mystik Adhesive Products, Inc. ....	168
Stamp application to bottles; Joseph E. Seagram & Sons .....	101	TEA PACKAGING	
Standard Brands	101	Package decision-maker, John Gearhart (Frank Tea & Spice Co.) .....	74
Package copy (recipes, etc.) on back panels .....	148	Tagless tea bag saves 25%, Tetley Tea Co. ....	135
Standard Fruit & Steamship Co.	184	TECHNICAL SECTION (Methods, engineering, testing)	
Bananas in corrugated .....	184	Adhesion promoters for PE, use of organic titanates as primers to improve bonding of polyethylene coatings to smooth substrates, C. L. Gray, Jr., W. L. MacCarthy and T. F. McLaughlin, Jr. ....	143
Standard Packaging Corp.	42	Antioxidant cellulose, R. Henderson, G. A. Wallace and R. H. Killip .....	127
Vending machine for greeting cards .....	151	Biaxient polypropylene film, John F. O'Donnell and J. Thomas Selloroff .....	133
Stanley Tools Div. of The Stanley Works	184	Copolymer film shipping bags, R. J. Martinovich and Robert Doyle .....	131
Instruction on hardware packages .....	184	Cushioning materials, Investigation of, Mario E. Gigliotti .....	148
<b>STAPLING MACHINES</b>		Diagonally slotted containers, John G. Younger .....	139
Carton-stapling equipment; Container Stapling Corp.	180	Evaluation of plastic jars, storage and shipping containers for small Ordnance parts, Richard H. DeVore .....	143
Prescription for economy; stapling machine for closing bags; Western Charcoal Co. ....	196	Extrusion coating on the rise .....	87
Space-saving automatic stapler; International Staple & Machine Co. ....	178	The eyes have it, visual-testing device for designs, Happy Pet Products Co. ....	124
Startup & Sons Candy Co.	99	First free-piston aerosol, Beacham Products, Inc. ....	88
Frame-carton 'showcase' doubles sales of candy novelties .....	110	The first polypropylene tube, Melissa, Inc. ....	198
<b>STATIONERY</b>		Free-piston aerosol, H. T. Hoffman, Jr. and Nicholas Marchese .....	129
New design upgrades variety-store stationery line, Butler Bros. ....	176	Glue sealing with PE coatings, Sherwood Leeds, High-density PE containers, Brooks B. Heise, J. H. Parlman and Jules Pinsky .....	139
<b>STEEL</b>		Part I. Selection of proper raw materials and special design considerations .....	121
Canners weigh steel vs. aluminum .....	42	Part II. Evaluation requires testing of product in bottles for permeability, leakage, distortion, impact, etc. Test methods .....	112
Competitive battle between steel and aluminum .....	184	Improved egg-cell carton, W. W. Wilson .....	148
Packaged steel, General Sheet Steel & Plate, Inc. ....	42	Improved single structure carton, R. J. Harkin and J. J. Higgins .....	143
Strapping (See Strapping)	178	Indications for polypropylene film, Edward T. Severs and Robert J. Ridgway .....	131
Tinplate foil .....	42	Lilly moves to plastics, polyethylene bottles for ethical pharmaceuticals, Eli Lilly & Co. ....	109
Steel nails (See Nails)	99	Machine studies by camera, J. A. Cairns and J. Salisbury .....	102
<b>STRAPPING</b>		New polymer for wax, copolymer of ethylene and vinyl acetate, Lewis W. Blight and Donald C. Sutherland .....	205
Automatic binding with rayon strap; Fiber Straps, Inc. ....	188	New strength in polystyrene, J. R. Wilkinson (Union Carbide Plastic Co.) .....	134
Automatic textile-tape strapping machine; American Viscose Corp., Industrial Packaging Div. ....	50	New stress-tester, Herbert C. Horst and Robert E. Martin (E. I. du Pont de Nemours & Co.) .....	118
Breaking a bottleneck; machine strapping of corrugated shipping containers, Levi Strauss Co. ....	128	Nomograph for yield values, A. D. Galbraith .....	123
High-strength strapping tape, Behr-Manning Co. ....	174	Plastics in packaging, report from Annual Conference of The Society of the Plastics Industry .....	132
Paper strips for tension strapping, Emballages (France) .....	75	Polymer-coated polyethylene (Olin Matheson Chemical Corp.), Orville J. Sweeting and Joseph J. Levitzki .....	113
Semi-automatic steel strapping machine .....	174	Requirements of frozen foods, effects of packaging materials on palatability of products, J. D. Winter and Shirley R. Trantinella .....	128
Steel-strapping developments; Inland Wire Products Co. ....	246	Shifting trends in printing, carton printing .....	136
Steel-strapping of brick; Robinson Brick & Tile Co. ....	117	Standards for extrusion coatings, Benjamin Lechner and Wm. S. Bunte .....	85
"Stretch-Pak" display packages .....	110	Status of food aerosols, W. Earl Graham .....	107
<b>STRIP-PACKAGING</b>		Stripe toothpaste, success story, Lever Brothers .....	121
Pharmaceutical strip-packaging, Nyco Laboratories, Inc. ....	166	Stripping can coatings, Charles H. Coleman and John E. Despaull .....	58
Soft drink containers for supermarkets .....	217	Test for polyethylene printability, T. F. McLaughlin, Jr. ....	209
Supercartons (See Markets and Marketing)	44	Testing for ultraviolet effect, R. J. Holmes and A. C. Signore .....	153
Supersonic waves (See Ultrasonics)	71	Ultrasonic sealing of foil, John H. Alden .....	144
Swenson, Hakon, AB	94	Ultrasonics: when? Efforts of electronics engineers to make this method of sealing foils and films available to packagers .....	129
Gastight coffee carton; three-ply tubular liner .....	92	Volatile corrosion inhibitors .....	100
Swift & Co.	94	Wax-laminated carton, General Foods Corp., Walter C. Utschig .....	116
Non-frozen boil-in-bag meats .....	94	TELEPHONE APPARATUS	
Syracuse China Corp.	94	Futuristic product (one-piece telephone) dramatized in corrugated, North-Electric Co. ....	109
Shutter-testing program cuts costs and product damage .....	197	Cartons, single-structure and others .....	44
<b>T</b>		Compression machine plots data, L. A. B. Corp. ....	144
Tables for sample making, England .....	100	Consumer testing of new products and packages .....	186
Tablets, plastic caps to cushion .....	100	Cushioning materials at Picatinny arsenal, Mario E. Gigliotti .....	39
<b>TABLEWARE</b>		Evaluation of plastic jars, storage and shipping containers for small Ordnance parts, Richard H. DeVore .....	148
Plastic foam platforms in set-up boxes; Sears, Roebuck .....	113	June 154	
<b>TAGS</b>			
Economy in textile tagging, New Knit Mfg. Co. ....	100		
Tamper-proofing (See Theft)	113		
<b>TAPE AND TAPE DISPENSERS</b>			
Easy-opening carton tape, Mid-States Gummed Paper Div., Minnesota Mining & Mfg. Co. ....	46		
Electric gummed-tape dispenser, Derby Sealers Div., Minneapolis Mining & Mfg. Co. ....	248		
Heavy-duty sealing tape, Atlantic Gummed Paper Corp. ....	188		
High-strength strapping tape, Behr-Manning Co. ....	174		
One-hand tape dispenser, Permacel .....	252		
Reinforced easy-open box tape, Gummed Products Co. ....	252		
Reinforced paper strapping tape, Arno Adhesive Tapes, Inc. ....	190		
Reinforced sealing tape, Atlantic Gummed Paper Corp. ....	180		

Month	Page	Month	Page
<b>TRADE SHOWS</b>			
Value to be received by visitors (ed.) .....		April	143
<b>TRADEMARKS AND BRANDS</b>			
Cooper's, Inc. ....		September	136
Transistor Electronic Corp. ....		September	126
Double-duty molded-pulp cushioning tray cuts costs 20% .....		September	126
<b>TRANSPARENT PACKAGING</b>			
Safeguard against deceptive packaging .....		July	43
Transport and packaging regulations; German and French discussions .....		November	82
Tray-forming equipment .....		September	250
Tray-forming machine; faster carton-size change-over; Peters Machinery Co. ....		May	50
<b>TRAYS</b>			
Cold-formed plastic tray for dates, California Date Growers Assn. ....		December	201
Designing shipping containers for tray stocking; G. H. Stern, Jr. (Hillman's, Inc.) .....		November	76
Distortion of coated trays .....		December	132
Four-lined cake tray; American Can Co., Marathon Div. ....		January	148
Handy molded tray for vacuum-cleaner attachments; Interstate Engineering Co. ....		June	243
Lock-tab tray; great packaging discovery .....		December	102
Moist sponge in blister tray; General Mills .....		August	126
Molded-pulp produce trays; Diamond National Corp. ....		April	254
PVC trays for produce, candies, cookies, industrial parts .....		June	100
Plastic trays resist heat or cold, suitable for frozen food packaging; Havex Industries .....		May	50
Polyethylene coated bakers trays .....		May	89
Spoilage reducing fruit tray made of PVC; Pantasote Co. ....		February	152
Tray of transparent polystyrene; Container Corp. of America .....		November	172
Trend to trays .....		September	101
Versatile sell in corrugated; sleeved tray for hardware product; Faultless Caster Corp. ....		August	111
<b>TUBES AND TUBING</b>			
Automatic marking of tapered tubes; Markem Machine Co. ....		October	178
Coder for collapsible tubes; Ampoule Machine Co. ....		September	190
Converter for plastic-tube sealing; Arthur Colton Co. ....		June	54
First polypropylene tube; make-up cream; Melissa, Inc. ....		April	198
Machine applies polyethylene threads on metal tubes, England .....		July	76
Metal tubes can be beautiful; "tubes of gold" for hairdressing and conditioner; John H. Breck, Inc. ....		June	111
Plastics squeeze tubes .....		June	101
Sausage in plastic tubes; Berlin .....		March	71
Scented tooth-brush caps; Johnson & Johnson (Tek Hughes Div.) ....		December	95
Sliding clasp for plastic tubes; Samida Sales Co., Inc. ....		August	54
Tube to put stripes on toothpaste; Lever Brothers. Why not more foods in tubes? .....		February	99
		March	72
<b>TYING MACHINES</b>			
Twine-tying machine offered; B. H. Bunn Co. ....		October	178
Type wear; Special method of measuring; Patra (England) .....		April	126
<b>TYPEWRITERS</b>			
Foam-in-place for typewriters; combination polyurethane-foam-and-corrugated container; Royal McBee Corp. ....		June	103,210
<b>U</b>			
<b>ULTRASONICS</b>			
Ultrasonic sealing of foil; John H. Alden .....		July	46
Ultrasonics; when? Efforts of electronics engineers to make this method of sealing foils and films available to packagers .....		July	129
Ultraviolet effect; Testing for; R. J. Holmes and A. C. Signore .....		July	100
Ultra-violet light rays .....		October	144
Unilever, N. V. (Sais Margarine Fabrik, subsidiary) ....		September	109
Margarine in PVC .....		September	131
Unilever's Planta brand margarine in The Netherlands		November	40
Union Carbide Corp., Prestone Div.			
Automatic inserter for sets of wire-wound radiator tags and 8-page brochure in shipping cases .....		December	110
Union Lumber Co. ....		April	183
Polyethylene-coated kraft-paper wrap for lumber .....			
<b>UNIT PACKAGING</b>			
Opening ease for unit packs; Ivers-Lee Co. ....		December	160
Unit packs at 50% saving; miniature glass bottles replaced by pouches; J. R. Watkins Co. ....		November	129

**UNITED STATES**

Bureau of the Census  
Flexible packaging statistics for 1959.....

Commerce, Department of  
Booklet: Checking Prepackaged Commodities,  
National Bureau of Standards.....  
Year-end reports and 1961 forecasts on various  
supplier industries in packaging field; Business  
& Defense Service.....

Federal Trade Commission  
Package must show country of origin.....  
Rule 41 applied to corrugated and solid fibre boxes

Food and Drug Administration

Clearance of polyethylene for food packaging.....  
Deceptive packaging, case against Delson Candy Co.,  
Extensive revamping called for in Kendall report,  
F&DA extensions.....  
Food-grade polypropylenes meeting F&DA  
regulations, AviSun Corp.....  
Ingredient data for beverage bottles.....  
Prescription packages.....  
United States Steel's American Steel & Wire Div.  
Aligned by magnetism; nail package.....  
Unscrambler of containers in congested areas,  
Standard Metal Products.....

**URETHANE**

Urethane-foam applicators, Shoe Sheen Products  
Corp.....

V

VCI (See Volatile Corrosion Inhibitors)  
Vacuum-cleaner attachments; handy molded tray for;  
Interstate Engineering Co.....

**VACUUM FORMING**

Automatic vacuum former; Tronomatic Machine  
Mfg. Corp.....  
Line of vacuum-forming machines; Product  
Packaging Engineering.....  
Margarine container, Unilever.....  
Portable vacuum-packaging machine; MFP Co.,  
div. Avery Industries.....  
Vacuum device for pouch-packaging, Bartelt  
Engineering Co.....  
Versatile vacuum former; Pacific Plastic  
Machinery, Inc.....  
Versatile vacuum-forming unit adaptable for  
blister packaging operations, Plast-O-Craft Co.,  
Vahlsgard, Fred H. Co.....  
Film shipper for produce.....  
Valentines (See Greeting Cards)  
Vegetable packaging (See Food Packaging -- Canned  
Food; Produce)

**VENDING MACHINES**

Aluminum-foil containers for hot foods.....  
Cans for.....  
Complete meals from vending machines; England.....  
Fresh flowers sold in vending machines; carrier  
for; German development.....  
Machine for dispensing greeting cards, Standard  
Packaging Corp.....  
One-shot packages.....  
Planning for automatic vending.....

**VIALS**

Automatic silk-screen printer for vials and  
ampoules; Amaco, Inc.....  
Cylindrical plastic vials; Celluloplastics, Inc.....  
Tamperproof resealable plastic vial; Kimble  
Glass Co.....  
Vial labeling; machine studies by camera, J. A.  
Cairns and J. Salisbury.....

**VIBRATORS**

Container-vibrating unit, George H. Fry Co.,  
Vick Chemical Co.....  
Now it's mouthwash in refillable glass decanter.....  
Oral-spray bottle with built-in direction control  
for antibacterial oral breath freshener.....  
Robot redesigns Vicks, pushbutton poll taker  
mounted on store shelves.....

**VINEGAR**

PVC bag-in-box replaces casks, British Vinegar,  
Ltd.....

**VINYL**

Gift combos in transparent retractable cast vinyl  
film; Max Factor.....

Month Page

October	184	Portion control package, sealed vinyl container; Kraft Foods Div., National Dairy Products Corp.	July	106
		Protective vinyl disks for cosmetic jars; Busse Plastics Co.	November	176
May	176	Rigid, glossy vinyl sheet; Nixon Baldwin Chemicals, Inc.	May	164
April	260	Vinyl emulsion coatings for paper; Potlatch Forests, Inc.	May	164
		Vodka cruises in vinyl plastic boat, window display	June	110

**VISIBILITY**

August	42	Hardware items.....	February	87
May	85	Three-piece window carton for model planes (toys); Comet Model Hobbycraft, Inc.	May	120
February	39	Vogt, Henry Machine Co.		
June	239	Streamlined shipper-and-label inventory nets 12% saving on forged-steel pipe fittings.....	March	117

**VOLATILE CORROSION INHIBITORS (VCI)**

August	42	Great Packaging Discovery.....	November	116
May	85	VCI papers for non-ferrous metals; Dauber Chemical Co., Nox-Rust Div.	October	174

## W

June	58	Wages, European and U.S. compared; German American Trade News.....	February	69
August	39	Ward Baking Co.	October	109
May	39	Polypropylene bread wrap.....		
April	168	Washington State Apple Commission Product symbol for apple packages, advertising, display.....	June	222
July	178			

**WATCHES**

August	42	Space-age package, Bulova Watch Co.	January	88
May	85			
February	39			
June	239			

**WATER VAPOR**

June	243	Dehydrated food, wrapping to prevent WVTR.....	July	92, 93
		Permeability of frozen foods.....	November	137
		Permeability, research proposal at Michigan State	April	200
		Transmission rates for wax coated paper.....	July	138
		Transmission tests of single-structure cartons.....	September	145
		Water loss -- pre-packer's problem; Produce Packaging (England).....	April	125
		Wax-laminated carton, WVTR properties of laminate	August	141
		Watkins, R. R., Co.		
		Unit packs at 50% saving; miniature glass bottles replaced by pouches.....	November	129

**WAXES**

May	164	Effect of Food Additives Amendment.....	November	121
November	54	Waxing (See Coating Equipment)		
September	133	Web conditioner remoisturizes cellophane; American Viscose Corp.....	May	162

**WEED KILLING SUPPLIES**

August	52	Contoured pour pouch for weed killer; American Chemical Products, Inc.	March	105
January	144			
September	190			
May	119			

**WEIGHING MACHINES AND DEVICES**

July	46	Adaptable automatic scale; Mercury Heat Sealing Co.	September	190
November	39	Compact automatic checkweigher; The Exact Weight Scale Co.	July	50
November	82	Electronic check weigher (German);	November	82
January	61	Five-way weight sorting; Illumitronic Systems Corp.	April	248
August	42	High speed scale system; Mercury Heat Sealing Equipment.	March	158
May	42	Intermediate-range checkweigher	November	54
November	99	Net weighing accuracy -- double-bucket scale; Hayssen Mfg. Co.	December	50
		New-weighing machines, Thurman Scale Co.	July	178

**WEIGHTS AND MEASURES**

April	248	Booklet: Checking Prepackaged Commodities, U.S. Dept. of Commerce (National Bureau of Standards)	May	176
May	168	"Model Law on Weights and Measures"	October	42
		Pre-packaged foods, checking of scales.....	January	42

**WELDING**

January	46	Self-tuning seam welder for aluminum foil and other thin metals; International Ultrasonics, Inc.	September	198
April	205	Western Charcoal Co.		
		Prescription for economy, stapling machine for closing bags.....	April	196
April	252	Western Packaging & Materials Handling Exposition, Westinghouse Electric Corp.	September	240
December	95	Formed-plastic caps cushion Westinghouse instruments.....	August	123
April	167	More upgrading in field of light bulb packaging....	March	96
March	90	Polystyrene-foam-and-paper shipper saves 80%.....	December	113
		Westinghouse Lamp Div.		
		Triple-service shipper for aluminum and brass light-bulb bases, savings in over-all packaging costs.....	July	125
		Whiskey (See Alcoholic Beverages)		
		Whitman, Stephen F. & Son		
		Bright corrugated scores for shipper-display carton of miniature chocolates.....	April	164

**WINDOW DISPLAYS**

April	126	Vodka cruises in plastic boat.....	June	110
November	103			

Month	Page	Month	Page
<b>WOODEN CONTAINERS</b>			
Brochure: Bin Boxes; National Wooden Box Assn., Line of wooden boxes; J. H. Dunning Corp. .... Wooden cases declining in Europe .....			
<b>WRAPPERS</b>			
Bread-wrap film (polyethylene); The Kordite Co... Cellophane (polyethylene-coated) for meat wrapping; Olin Mathieson Chemical Corp. .... Crisp, clear overwrapping film; Visking Co. .... Food wrapper retards spoilage; Paterson Parchment Paper Co. .... Improvements in cellophane sealing; E. I. du Pont de Nemours & Co. .... Non-fogging bacon-wrap film; Goodyear Tire & Rubber Co. .... Polyethylene-coated kraft-paper wrap for lumber; Union Lumber Co. .... Polyethylene overwrap-film resin .... Polystyrene overwrapping film; Visking Corp. .... Product finish reacts to film overwraps .... Product-hugging shrink film upgrades sales appeal for salt and pepper dispenser set; Morris Plastics Corp. .... Protective wrapper for butter; KVP Sutherland Paper Co. .... Sheet steel packaging; materials for; General Steel & Plate, Inc. .... Thermoplastic bread wraps.....			
WRAPPING MACHINES AND DEVICES			
Automatic bottle-wrapping machine; England.... Cost cutting, replacement of manual bagging operation with semi-automatic wrapping machinery; Colonial Corp. of America.....			
October	186	Egg-carton overwrapper; Hayssen Mfg. Co. .... Hard-candy twist wrapper; John Sheffman, Inc. .... One wrapping machine handles any plastic film; England .....	January 44
May	166	Overwrapping equipment and speed .....	March 160
June	76	Polyethylene packaging for large items; Mehl Mfg. Co. and Kordite Co. .... Small wrapping unit; Cleveland-Detroit Corp. .... Spiral wrapping saves 80%; Goodall Rubber Co. .... Thermoplastic quad stayer; New Jersey Machine Corp. ....	May 72
December	160	Vegetable wrapping machine; Crompton & Knowles Packaging Corp. ....	January 79
March	44	Wrapper for wedge-shaped pie cuts; Crompton & Knowles-Packaging Corp. ....	June 75
December	52	Wrapping machine and film offer; Kordite Co. .... Wrapping Unit utilizing roll film to speed up wrapping; Cleveland-Detroit Corp. ....	July 180
September	54		October 126
March	160		
January	148		
April	183		
September	190		
March	44		
June	158		
January	88		
December	158		
April	184		
August	144		
May	72		
March	116		
		<b>Y</b>	
		Yale & Towne Instruction and descriptive copy on hardware packages .....	April 151
		<b>Z</b>	
		Zaffer's Bakery Lightweight-cellophane wraps.....	August 97

## AUTHOR'S INDEX

<b>A</b>					
ALDEN, JOHN H. Ultrasonic sealing of foil .....	July	129	GRAY, C. L., Jr., MacCARTHY, W. L., and MC LAUGHLIN, T. F., Jr. Adhesion promoters for PE .....	June	143
<b>B</b>					
BEACH, DALE S. How organize packaging? .....	December	82	HEISE, BROOKS B., PARLIMAN, J. H., and PINSKY, JULES High density PE containers.		
BLIGHT, LEWIS W. and SUTHERLAND, DONALD C. New polymer for wax .....	July	134	Part I. Selection of proper raw materials and special design considerations .....	December	121
BUNTE, WILLIAM S. (See Lechner, Benjamin, jt.au.)			Part II. Evaluation requires testing of product in bottles for permeability, leakage, distortion, impact, etc. Test methods .....	January	112
<b>C</b>					
CAIRNS, J. A. and SALISBURY, J. Machine studies by camera .....	April	205	HENDERSON, R., WALLACE, G. A., and McKILLIP, R. H. Antioxidant cellophane .....	December	127
CHRISTIE, HOWARD W. Improved closure of flexible barriers .....	April	213	HICKINS, R. J. and HIGGINS, J. J. Improved single-structure carton .....	September	143
COLEMAN, CHARLES H. and DESPAUL, JOHN E. Stripping can coatings .....	April	209	HIGGINS, J. J. (See Higgins, R. J., jt.au.) HOFFMAN, H. T., Jr. and MARCHAK, NICHOLAS Free-piston aerosol .....	August	129
<b>D</b>					
DESPAUL, JOHN E. (See Coleman, Charles H., jt.au.)	June	154	HOLMES, R. J. and SIGNORE, A. C. Testing for ultraviolet effect .....	October	144
DEVORE, RICHARD H. Evaluation of plastic jars .....	June	154	HORST, HERBERT C. and MARTIN, ROBERT E. New stress-flex tester (du Pont) .....	March	123
DOYLE, ROBERT (See Martinovich, R. J., jt.au.)			<b>K</b>		
<b>G</b>					
GALBRAITH, A. D. Nomograph for yield values .....	March	132	KRESSE, THEODORE J. Polypropylene (reviewed) .....	March	162
GIGLIOTTI, MARIO E. Investigation of cushioning materials .....	September	148	<b>L</b>		
GRAHAM, W. EARL Status of food aerosols .....	February	121	LECHNER, BENJAMIN and BUNTE, WILLIAM S. Standards for extrusion coatings .....	January	107
			LEEDS, SHERWOOD Glue sealing with PE coatings .....	October	135

LEONE, S. J.				
Resources in expired patents .....	May	135		
LEVITZKY, JOSEPH J. (See Sweeting, Orville J., Jt. au.)				
	<b>M</b>		<b>S</b>	
MacCARTHY, W. L. (See Gray, C. L., Jr., Jt. au.)			SALISBURY, J. (See Cairn, J. A., Jt. au.)	
MARCHAK, NICHOLAS (See Hoffman, H. T., Jt. au.)			SELLDORF, J. THOMAS (See O'Donnell, John F., Jt. au.)	
MARTIN, ROBERT E. (See Horst, Herbert C., Jt. au.)			SEVERS, EDWARD T. and RIDGWAY, ROBERT J.	
MARTINOVICH, R. J. and DOYLE, ROBERT Copolymer film shipping bags.....	November	131	Indications for polypropylene film .....	May 131
McKILLIP, R. H. (See Henderson, R., Jt. au.)			SIGNORE, A. C. (See Holmes, R. J., Jt. au.)	
McLAUGHLIN, T. F., Jr. (See also Gray, C. L., Jr., Jt. au.)			SUTHERLAND, DONALD C. (See Blight, Lewis W., Jt. au.)	
Test for polyethylene printability .....	September	153	SWEETING, ORVILLE J. and LEVITZKY, JOSEPH J.	
	<b>O</b>		Polymer-coated polyethylene (Olin Mathieson Chemical Corp.) .....	March 128
O'DONNELL, JOHN F. and SELLDORFF, J. THOMAS Biaxient polypropylene film .....	August	133		
OGLESBY, HERBERT J. One line for two problem bottles, Abbott Laboratories.....	March	96		
	<b>P</b>		<b>T</b>	
PARLIMAN, J. H. (See Heise, Brooks B., Jt. au.)			TRANTANELLA, SHIRLEY R. (See WINTER, J. D., Jt. au.)	
PINSKY, JULES (See Heise, Brooks B., Jt. au.)				
	<b>R</b>		<b>U</b>	
RIDGWAY, ROBERT J. (See Severs, Edward T., Jt. au.)			UTSCHIG, WALTER C.	
RODGERS, CHARLES J. Synchronous line for plastic bottles, Lambert- Hudnut Mfg. Laboratories.....	February	110	Wax-laminated carton .....	August 140
	<b>Y</b>		<b>W</b>	
			WALLACE, G. A. (See Henderson, R., Jt. au.)	
			WILKINSON, R.	
			New strength in polystyrene .....	February 119
			WILSON, W. W.	
			Improved egg-cell carton .....	June 148
			WINTER, J. D. and TRANTANELLA, SHIRLEY R.	
			Requirements of frozen foods .....	November 136
			<b>YOUNGER, JOHN O.</b>	
			Diagonally slotted containers .....	October 139

